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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,834,644

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,834,644

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1782***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1782 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$268**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$268** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$402** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **268 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **268 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **402 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trademark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

November 20, 2015

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 20 novembre, 2015

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

…nated Establishments

…urposes of subsections 5(4) and 54(3) of the *Patent* …bsection 3(4) of the *Trade-marks Regulations*, …n 2(4) of the *Copyright Regulations*, subsection 3(4) …*dustrial Design Regulations* and subsection 3(4) of the …*d Circuit Topography Regulations*, the following are …nated establishments or designated offices to which …ndence addressed to the Commissioner of Patents, the … of Trade-marks, the Copyright Office or the Registrar …graphies may be delivered **in person**:

Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

…ndence delivered, during ordinary business hours, to …e designated establishments listed above, will be …ed to be received on the date of delivery to that …ed establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail Service of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada est reçue par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT.

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 9, 2016 contains applications open to public inspection from January 24, 2016 to January 30, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 9 février 2016 contient les demandes disponibles au public pour consultation pour la période du 24 janvier 2016 au 30 janvier 2016.

Canadian Patents Issued

February 9, 2016

Brevets canadiens délivrés

9 février 2016

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[54] **ENABLING GROUPED PURCHASES OF GOODS AND SERVICES**
[54] **AUTORISATION D'ACHATS EN GROUPES DE BIENS ET SERVICES**
[72] LAKHANI, AALIM, CA
[72] CHAN, VICTOR, CA
[73] EBAY INC., US
[86] (2327076)
[87] (2327076)
[22] 2000-11-30

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[51] **Int.Cl. C12N 9/54 (2006.01) C11D 3/386 (2006.01) C12N 9/50 (2006.01) C12N 9/56 (2006.01)**
[25] EN
[54] **NOVEL SUBTILASE ENZYMES HAVING AN IMPROVED WASH PERFORMANCE ON EGG STAINS**
[54] **NOUVELLES ENZYMES SUBTILASES POSSEDANT DES PERFORMANCES DE LAVAGE AMELIOREES SUR DES TACHES D'OEUF**
[72] MIKKELSEN, FRANK, DK
[72] FANO, TINA SEJERSGAARD, DK
[72] MADSEN, MADS NOERREGAARD, DK
[72] LARSEN, LINE BLOCH, DK
[72] HANSEN, PETER KAMP, DK
[72] NESS, JON E., US
[72] WELCH, MARK D., US
[72] GIVER, LORRAINE J., US
[72] MINSHULL, JEREMY S., US
[72] BORCHERT, TORBEN V., DK
[72] CHERRY, JOEL, US
[73] NOVOZYMES A/S, DK
[73] MAXYGEN, INC., US
[85] 2002-09-12
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[87] (WO2001/068821)
[30] DK (PA 2000 00405) 2000-03-14

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[25] EN
[54] **ENDOTHELIAL CELL EXPRESSION PATTERNS**
[54] **PROFILS D'EXPRESSION DE CELLULES ENDOTHELIALES**
[72] ST. CROIX, BRAD, US
[72] KINZLER, KENNETH W., US
[72] VOGELSTEIN, BERT, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2003-01-20
[86] 2001-08-01 (PCT/US2001/024031)
[87] (WO2002/010217)
[30] US (60/222,599) 2000-08-02
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[30] US (60/282,850) 2001-04-11

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[51] **Int.Cl. C12N 15/53 (2006.01) C12N 1/20 (2006.01) C12N 1/21 (2006.01) C12N 9/04 (2006.01) C12Q 1/32 (2006.01)**
[25] EN
[54] **NOVEL GLUCOSE DEHYDROGENASE AND METHOD FOR PRODUCING THE DEHYDROGENASE**
[54] **NOUVELLE GLUCOSE DESHYDROGENASE ET PROCEDE DE PRODUCTION DE LA DESHYDROGENASE**
[72] SODE, KOJI, JP
[73] SODE, KOJI, JP
[85] 2003-04-25
[86] 2001-10-31 (PCT/JP2001/009556)
[87] (WO2002/036779)
[30] JP (2000-332085) 2000-10-31
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[13] C
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[25] EN
[54] **INHIBITORS OF HER3 ACTIVITY**
[54] **INHIBITEURS DE L'ACTIVITE DE HER3**
[72] ULLRICH, AXEL, DE
[72] HTUN-VAN DER HORST, EDWARD, DE
[73] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2004-02-06
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[25] EN
[54] **AUTOMATIC DELIVERY SELECTION FOR ELECTRONIC CONTENT**
[54] **SELECTION DE LIVRAISON AUTOMATIQUE DE CONTENU ELECTRONIQUE**
[72] COOK, DAVID P., US
[72] LIU, GARY G., US
[72] KALAN, JOHN, US
[73] ZIX CORPORATION, US
[86] (2461061)
[87] (2461061)
[22] 2004-03-16
[30] US (10/397,064) 2003-03-24

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[13] C
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[25] EN
[54] **EHANCED PROTEIN EXPRESSION IN BACILLUS**
[54] **EXPRESSION PROTEINIQUE AMELIOREE DANS BACILLUS**
[72] FERRARI, EUGENIO, US
[72] HARBISON, CAROLE, US
[72] RASHID, M. HARUNUR, US
[72] WEYLER, WALTER, US
[73] GENENCOR INTERNATIONAL, INC., US
[85] 2004-09-23
[86] 2003-03-28 (PCT/US2003/009585)
[87] (WO2003/083125)
[30] US (60/368,949) 2002-03-29
[30] US (60/368,858) 2002-03-29
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[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01)**
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[54] **PROCEDE D'ANALYSE MORPHOLOGIQUE D'OBJETS SISMIQUES**
[72] DUNN, PAUL A., US
[72] CZERNUSZENKO, MAREK K., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2004-10-07
[86] 2003-03-25 (PCT/US2003/009107)
[87] (WO2003/091751)
[30] US (60/372,076) 2002-04-12

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[54] **INTERFACE UTILISATEUR PERMETTANT LA GESTION DES TACHES ET FOURNISSANT DE L'INFORMATION D'AGENDA**
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[72] FRANKEL, GLENN L., US
[72] SAVASTANO, HERNAN I., US
[72] LEUKART, RICHARD H., US
[72] JENSEN, STEPHEN D., US
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[54] **PROCEDES ET DISPOSITIFS POUR LA PRODUCTION DE BIOMOLECULES**
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[72] NECINA, ROMAN, AT
[72] ASCHER, CHRISTINE, AT
[72] ZAMBIASI, HELGA, AT
[73] BOEHRINGER INGELHEIM RCV GMBH & CO KG, AT
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[54] **PROCEDES DE SELECTION DE RESEAU ET APPAREIL A ETABLISSEMENT DE PRIORITE DE RESEAU DOMESTIQUE APRES REPRISE DE SIGNAL DE RESEAU OU MISE SOUS TENSION**
[72] GUNARATNAM, JAYASRI, CA
[72] NAQVI, NOUSHAD, CA
[72] TAYLOR, BRYAN, CA
[72] SWANN, CRAIG IAN HAIGHT, CA
[72] PHIPPS, DARCY RICHARD, CA
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[72] JONES, BRIAN E., NL
[72] GRANT, WILLIAM D., GB
[72] HEAPHY, SHAUN, GB
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[72] REES, HELEN, GB
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[54] **REPARATION ET REGENERATION CARTILAGINEUSE ET OSSEUSE A L'AIDE DE CELLULES DERIVEES DU POST-PARTUM**
[72] KIHM, ANTHONY J., US
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[72] DHANARAJ, SRIDEVI, US
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[54] **PREDICTION D'AMELIORATION DES SYMPTOMES NEGATIFS DURANT UN TRAITEMENT DECLOZAPINE**
[72] MARTUCCI, LIVIA, CA
[72] KENNEDY, JAMES LOWERY, CA
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[54] **A HUMAN CYTOTOXIC T-LYMPHOCYTE EPITOPE AND ITS AGONIST EPITOPE FROM THE NON-VARIABLE NUMBER OF TANDEM REPEAT SEQUENCE OF MUC-1**
[54] **EPITOPE DE LYMPHOCYTE T CYTOTOXIQUE HUMAIN ET SON EPITOPE AGONISTE ISSUS DU NOMBRE NON VARIABLE DE SEQUENCES REPETEES EN TANDEM DE MUC-1**
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[72] TSANG, KWONG-YOK, US
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[72] XU, JEAN, US
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[72] LITVIN, SIMON, US
[72] KOGAN, SEMYON, US
[72] ILYIN, ILYA, RU
[72] CHALIYAN, ALEXANDER, RU
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[72] KRUIS, DAVE, CA
[72] PATTERSON, IAN MICHAEL, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SOUCHE MUTANTE DE SACCHAROMYCES CEREVISIAE UTILISANT UN XYLOSE POUR PRODUIRE DE L'ETHANOL**
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[54] **MATIERE CARBONEE A REPARTITION DE TAILLE D'AGREGATS LARGES ET DISPERSIBILITE AMELIOREE**
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[73] COLUMBIAN CHEMICALS COMPANY, US
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[54] **MARQUEUR DE DIAGNOSTIC PRENATAL ET DE SURVEILLANCE PRENATALE**
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[72] CHIU, ROSSA WAI KWUN, CN
[72] CHIM, STEPHEN SIU CHUNG, CN
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[54] **METHODE DE SELECTION D'UN CARDIOMYOCYTE EN UTILISANT LES MITOCHONDRIES INTRACELLULAIRES COMME INDICATEUR**
[72] HATTORI, FUMIYUKI, JP
[72] FUKUDA, KEIICHI, JP
[73] KEIO UNIVERSITY, JP
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[54] **STRUCTURE D'ARTICULATION ENTRE LES ELEMENTS DE MUR D'UNE PIECE A BLINDAGE ANTIMAGNETIQUE**
[72] SIMOLA, JUHA, FI
[72] LAINE, PETTERI, FI
[72] RAKKOLAINEN, HEIKKI, FI
[73] ELEKTA AB (PUBL), SE
[73] ETS-LINDGREN EUROSHIELD OY, FI
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[72] ZEINER, MARK S., US
[72] ORTIZ, MARK S., US
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[54] **PROCEDE ET SYSTEME DE CONTRE-REACTION ET DE COMMANDE D'UN LUMINAIRE**
[72] ASHDOWN, IAN, CA
[72] ROBINSON, SHANE P., CA
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **APPAREIL ET PROCEDE D'ECHANTILLONNAGE ET DE COLLECTE DE POUDRES S'ECOULANT DANS UN FLUX DE GAZ**
[72] PESIRI, DAVID R., US
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[54] **TERMINAL PORTATIF**
[72] KIM, JONG-HUN, KR
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PPORTED PHOSPHINIMINE
LYMERIZATION CATALYSTS
TALYSEURS DE
LYMERISATION SUPPORTES
R PHOSPHINIMINE
KAY, IAN, CA
EMIC, DUSAN, CA
OBSEN, GRANT BERENT, BE
STROIANNI, SERGIO, BE
VA CHEMICALS
RPORATION, CA
OS SALES (UK) LIMITED, GB
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Q 1/04 (2006.01) C12Q 1/68
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[54] **SUPPORT LISIBLE PAR ORDINATEUR, PROCEDE ET APPAREIL DE CONSERVATION DES CONDITIONS DE FILTRAGE POUR INTERROGER DES SOURCES DE DONNEES MULTILINGUES SELON DIVERSES LOCALISATIONS LORS DE LA REGENERATION D'UN COMPTE RENDU**
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[54] **PROCEDE ET SYSTEME DE PARTAGE ET TRANSACTION GLOBAUX DE CONTENUS EN ZONE LOCALE**
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[54] **MATERIAUX THERMOSENSIBLES ET DISPOSITIFS CONTENANT DE TELS MATERIAUX**
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[54] **PROCEDE DE TRAITEMENT DU BOIS**
[72] AHLNAS, THOMAS, FI
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[54] **METHOD FOR PRODUCING A MEDICAL IMPLANT MADE OF A BETA-TITANIUM ALLOY, AND A CORRESPONDING IMPLANT**
[54] **PROTHESE ARTICULAIRE EN ALLIAGE DE TITANE**
[72] BALIKTAY, SEVKI, DE
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[54] **SYSTEMES ET METHODES DE NAVIGATION RICHE EN VIDEOS**
[72] KUNKEL, GERARD, US
[72] ELLIS, MICHAEL D., US
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[72] HARRINGTON, STEVE, CA
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[54] **PROCEDE ET INSTALLATION POUR L'ETABLISSEMENT DE SESSION DE COMMUNICATIONS MULTIMEDIA**
[72] LIDSTROEM, MATTIAS, SE
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[54] **PROCEDE DE FABRICATION D'UNE MOUSSE DE POLYSTYRENE A L'AIDE D'ADDITIFS DE TRAITEMENT DE POLYMERES**
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[72] POLASKY, MARK, US
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[72] LAMY, MARIE-CECILE, FR
[72] DRAMSI, SHAYNOOR, FR
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[72] NOONAN, MICHAEL E., US
[72] ESCHHOLZ, SIEGMAR K., US
[72] ALLEN, JAMES F., US
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[72] MOSES, DENNIS, US
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[54] **INJECTEUR DE CARBURANT POUR TURBINE A GAZ**
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[72] PROCIW, LEV ALEXANDER, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **APPAREIL DE TRAITEMENT DE TISSU AVEC DISPOSITIF ANTIRETOUR DE VAPEUR**
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[72] PINKOWSKI, ROBERT J., US
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[54] **SEPARATEUR POUR ALIMENTATION DE L'AIR DE REFROIDISSEMENT D'UNE TURBINE**
[72] PIEUSSERGUES, CHRISTOPHE, FR
[72] SANDELIS, DENIS JEAN MAURICE, FR
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[54] **DISPOSITIF ELASTIQUE AMOVIBLE DE PROTECTION DE VEHICULE**
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[54] **DISPOSITIF ET PROCEDE D'ENDOSCOPIE POUR UNE OBSERVATION SIMULTANEE DE PLUSIEURS ZONES D'INTERET**
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[72] BOULAROT, NICOLAS, FR
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[54] **METHODE DE CONCEPTION D'UN PRODUIT ORAL POUR ANIMAL DOMESTIQUE PAR ANALYSE BIOMETRIQUE**
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[72] WILLCOCKS, NEIL, US
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[54] **COMPOSITIONS AND METHODS FOR TREATING ROTATOR CUFF INJURIES**
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[72] HART, CHARLES E., US
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[54] **CAPTEUR D'ANGLE OPTOELECTRONIQUE ET PROCEDE DE DETERMINATION D'UN ANGLE DE ROTATION AUTOUR D'UN AXE**
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[54] **APPAREIL DE CONTENTION DE BARBE ET MECANISME D'INSTALLATION D'ACCESSOIRE D'ENDOPROTHESE COMBINES**
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[72] EVANS, GARY BRIAN, NZ
[72] FURNEAUX, RICHARD HUBERT, NZ
[72] KELLY, PETER MICHAEL, NZ
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[72] VALLEE, REAL, CA
[72] BERNIER, MARTIN, CA
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[73] UNIVERSITE LAVAL, CA
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[54] **PROCEDE DE PRODUCTION D'UNE FEUILLE ABSORBANTE AYANT UN RAPPORT ACCRU DE RESISTANCE A LA RUPTURE PAR TRACTION DANS LE SENS TRANSVERSAL DE LA MACHINE A L'ETAT HUMIDE/SEC**
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[72] SPETH, ANDREW D., US
[73] MALLINCKRODT LLC, US
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[54] **METHODE ET APPAREIL PERMETTANT LA TRANSITION D'UNE PREMIERE TECHNOLOGIE D'ACCES RADIO A UNE DEUXIEME TECHNOLOGIE D'ACCES RADIO**
[72] ROBERTS, GIBEON EDMUND, GB
[72] SAINI, SUKHDEV, GB
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME POUR INDUIRE DES EFFETS THERMIQUES DESIRABLES SUR UN TISSU ANATOMIQUE**
[72] STONE, CORBETT W., US
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[72] GUEST, TIMOTHY STEPHEN, GB
[73] JOHN GUEST INTERNATIONAL LIMITED, GB
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[54] **UTILISATION DE 3-ALPHA-ANDROSTANEDIOL EVENTUELLEMENT COMBINE A UN INHIBITEUR DE LA PDE5, DANS LE TRAITEMENT D'UN DYSFONCTIONNEMENT SEXUEL**
[72] TUITEN, JAN JOHAN ADRIAAN, NL
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[54] **MICROFLUIDIC SYSTEM AND METHOD TO TEST FOR TARGET MOLECULES IN A BIOLOGICAL SAMPLE**
[54] **SYSTEME ET PROCEDE MICROFLUIDIQUES DESTINES A TESTER DES MOLECULES CIBLES DANS UN ECHANTILLON BIOLOGIQUE**
[72] CHAN, WARREN CHE WOR, CA
[72] XIANG, QING, CA
[72] KLOSTRANEC, JESSE M., CA
[73] FIO CORPORATION, CA
[73] FASKEN MARTINEAU DUMOULIN LLP, CA
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[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING A FLUID FLOW PARAMETER WITHIN AN INTERNAL PASSAGE OF AN ELONGATED BODY**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE PARAMETRE DE FLUX DE FLUIDE DANS UN PASSAGE INTERNE DE CORPS ALLONGE**
[72] DAVIS, MICHAEL A., US
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[54] **NOVEL NUCLEOTIDE ANALOGUES AS PERCURSOR MOLECULES FOR ANTIVIRALS**
[54] **ANALOGUES DE NUCLEOTIDES INNOVANTS EN TANT QUE MOLECULES PRECURSEURS D'ANTIVIRAUX**
[72] CANARD, BRUNO, FR
[72] ALVAREZ, KARINE, FR
[72] BARRAL, KARINE, FR
[72] ROMETTE, JEAN-LOUIS, FR
[72] NEYTS, JOHAN, BE
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[54] **EXPANDABLE FILLER INSERT AND METHODS OF PRODUCING THE EXPANDABLE FILLER INSERT**
[54] **INSERT DE GARNITURE EXPANSIBLE ET PROCEDES DE PRODUCTION DE L'INSERT DE GARNITURE EXPANSIBLE**
[72] MONNET, JEAN-PIERRE, FR
[72] LECLERC, DELPHINE, FR
[72] MAGNET, GREGORY, FR
[72] WESCH, KARL, DE
[72] RUDOLPH, DANIEL, JP
[72] JAEHNICHEN, MATTHIAS, DE
[73] HENKEL AG & CO. KGAA, DE
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PPORT STRUCTURE
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OOMER, JACK MCKENZIE, AU
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THOD AND SYSTEM FOR
DEO SURVEILLANCE SYSTEM
TOR OVERCURRENT
OTECTION
OCEDE ET SYSTEME POUR LA
OTECTION CONTRE LA
RINTENSITE D'UN MOTEUR
SYSTEME DE
EOSURVEILLANCE
KEY, THOMAS F., US
LS, LAWRENCE R., US
SORMATIC ELECTRONICS,
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AD FREE FUEL COMPOSITION
D ITS USE
MPOSITION DE CARBURANT
S PLOMB ET SON
LISATION
GI, RAYMOND EDWARD, US
SO, JOSEPH MICHAEL, US
A, TIMOTHY MICHAEL, US
LL INTERNATIONALE
EARCH MAATSCHAPPIJ B.V.,

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[72] KAMIYA, TOSHIKAZU, JP
[72] KAYAHASHI, SHUN, JP
[72] SHIRAI, AKIO, JP
[73] S.S.I CO., LTD., JP
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[54] **IMAGERIE DE RESEAUX EN DEUX DIMENSIONS**
[72] MEHTA, SURESH N., US
[72] BHATT, NEERAJ, US
[72] MCDONALD, KEVIN A., US
[73] BIO-RAD LABORATORIES, INC., US
[85] 2009-06-12
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[25] EN
[54] **SUBSTITUTED PYRAZOLO-QUINAZOLINE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND THEIR USE AS KINASE INHIBITORS**
[54] **DERIVES DE PYRAZOLO-QUINAZOLINE SUBSTITUES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION EN TANT QU'INHIBITEURS DES KINASES**
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[72] BRASCA, MARIA GABRIELLA, IT
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[54] **INHIBITEURS DE MAPK/ERK KINASE**
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[72] KALDOR, STEPHEN W., US
[72] KANOUNI, TOUFIKE, US
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[54] **MODELISATION ET CONCEPTION D'UN SYSTEME DE FORAGE DE PUITS QUI AMORTIT LES VIBRATIONS**
[72] BAILEY, JEFFREY R., US
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[72] GUPTA, VISHWAS, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT THERMIQUE POUR PRODUIT EN BOIS, ET PRODUIT EN BOIS**
[72] CHAALA, ABDELKADER, CA
[72] KOUBAA, AHMED, CA
[73] UNIVERSITE DU QUEBEC EN ABITIBI-TEMISCAMINGUE (UQAT), CA
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[72] WILSON, ANDREW COLIN, NZ
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[72] SANDEEP, SRI KUMAR, NZ
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[54] **POLYACRYLATES A RETICULATION THERMIQUE ET PROCEDE DE FABRICATION**
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[54] **PROCEDE DE REDUCTION DE FORMATION DE COUCHE ELECTRIQUEMENT RESISTIVE SUR DES ACIERS INOXYDABLES FERRITIQUES**
[72] RAKOWSKI, JAMES M., US
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[54] **DERIVES D'IMINOPYRIDINE ET LEURS UTILISATIONS EN TANT QUE MICROBIOCIDES**
[72] WORTHINGTON, PAUL ANTHONY, GB
[72] STIERLI, DANIEL, CH
[72] CEDERBAUM, FREDRIK, CH
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[54] **PROCEDE DE TRAITEMENT HYDROMETALLURGIQUE DE MINERAI DE NICKEL LATERITIQUE**
[72] NAKAI, OSAMU, JP
[72] KOBAYASHI, HIROSHI, JP
[72] AOKI, YUJI, JP
[72] OZAKI, YOSHITOMO, JP
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[54] **MESURE ET MODIFICATION DE LA DIRECTIONNALITE DE DONNEES D'INTERFEROMETRIE SISMIQUE**
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[54] **ADDITIVE FORMULATION SUITABLE FOR ANTISTATIC MODIFICATION AND IMPROVING THE ELECTRICAL CONDUCTIVITY OF INANIMATE ORGANIC MATERIAL**
[54] **FORMULATION D'ADDITIF SERVANT A UNE MODIFICATION ANTISTATIQUE ET A L'AMELIORATION DE LA CONDUCTIVITE ELECTRIQUE DE MATIERE ORGANIQUE INANIMEE**
[72] POSSELT, DIETMAR, DE
[72] MAEHLING, FRANK-OLAF, DE
[72] LANGE, ARNO, DE
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[72] HAYWARD, LOUIS G., US
[72] GRIFFIN, CHRISTOPHER, US
[72] ARCH, PAUL E., US
[73] NOVA CHEMICALS INC., US
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[54] **MELANGE ET TECHNIQUE DE REVETEMENT DE LA SURFACE INTERNE D'UN ARTICLE**
[72] CREECH, GEORGE EDWARD, US
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[73] ROLLS-ROYCE CORPORATION, US
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[54] **FOURNEAU DE CRAQUAGE DE TYPE TUBE**
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[72] ZHANG, LIJUN, CN
[72] DU, ZHIGUO, CN
[72] CHEN, SHUO, CN
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[72] ZHOU, CONG, CN
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[72] MILLER, JASON C., US
[72] HOCHBERG, MIKE, US
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[54] **VEHICULE FERROVIAIRE COMPRENANT DES BOGIES D'EXTREMITE PIVOTANTS**
[72] RODET, ALAIN, FR
[72] ECHE, CHRISTOPHE, FR
[72] LONGUEVILLE, YVES, FR
[72] DEMARQUILLY, FRANCIS, FR
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[72] BRUENING, HANS-JOACHIM, DE
[72] FISCHER, ANDREAS, DE
[72] BACKER, JAN ADOLPH DAM, NL
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[54] **UTILISATION DU DIMIRACETAM DANS LE CADRE DU TRAITEMENT DE LA DOULEUR CHRONIQUE**
[72] FARINA, CARLO, IT
[72] GHELARDINI, CARLA, IT
[72] PETRILLO, PAOLA, IT
[73] NEUROTUNE AG, CH
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[54] **DERIVES DE PYRIMIDINE**
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[72] CUI, YUMIN, CN
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[54] **MATERIAU COMPOSITE A BASE DE POLYMERES VINYLE AROMATIQUES PRESENTANT DES PROPRIETES D'ISOLATION THERMIQUE ET SON PROCEDE DE PREPARATION**
[72] CASALINI, ALESSANDRO, IT
[72] FELISARI, RICCARDO, IT
[72] GHIDONI, DARIO, IT
[72] PONTICIELLO, ANTONIO, IT
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[54] **DELTA-5 DESATURASES ET LEUR UTILISATION DANS LA PREPARATION D'ACIDES GRAS POLYINSATURES**
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[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[72] STEVENS, THOMAS, FR
[72] BARBARA, OLIVIER, FR
[73] AIRBUS OPERATIONS SAS, FR
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[54] **METHOD OF DETECTING BLOOD PLASMA SCHIZANDRIN B AFTER ADMINISTRATION OF FUZHENG HUAYU (FZHY)**
[54] **PROCEDE DE DETECTION DE SCHIZANDRINE B DANS LE PLASMA SANGUIN APRES ADMINISTRATION DE FUZHENG HUAYU (FZHY)**
[72] MA, YUEMING, CN
[72] SHI, RONG, CN
[72] ZHANG, YONGYU, CN
[73] SHANGHAI SUNDISE CHINESE MEDICINE TECHNOLOGY DEVELOPMENT CO., LTD., CN
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[54] **SAUTAGE ELECTRONIQUE A HAUTE PRECISION**
[72] LOWNDS, CHARLES MICHAEL, US
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[54] **GRANULES DE COUVERTURE AVEC REFLECTANCE SOLAIRE ELEVEE, PRODUITS DE COUVERTURE AVEC REFLECTANCE SOLAIRE ELEVEE ET PROCEDES POUR PREPARER CEUX-CI**
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[54] **METHODS AND APPARATUS FOR DATA EXCHANGE IN PEER TO PEER COMMUNICATIONS**
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[54] **RESINES ALKYDES REDUCTIBLES DANS L'EAU, MODIFIEES PAR LE POLYSILOXANE ET L'URETHANE**
[72] REIDLINGER, GERHARD, AT
[72] URBANO, EDMUND, AT
[72] ZRIN, EWALD, AT
[72] SCHERZ, JOHANNES, AT
[73] ALLNEX AUSTRIA GMBH, AT
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[54] **FUNGICIDAL MIXTURES COMPRISING A TERNARY COMBINATION OF THE CARBOXAMIDE PENFLUFEN, THE ACYLALANINE METALAXYL, AND A SELECT TRIAZOLE**
[54] **MELANGES FONGICIDES COMPRENANT UNE COMBINAISON TERNAIRE DE PENFLUFEN CARBOXAMIDE, DE METALAXYL ACYLALANINE ET UN TRIAZOLE SELECTIONNE**
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[54] **DISPOSITIF ET PROCEDE POUR REACTIONS CATALYTIQUES EN PHASE GAZEUSE ET LEUR UTILISATION**
[72] SCHWEFER, MEINHARD, DE
[72] GROVES, MICHAEL, DE
[72] FUCHS, JURGEN, DE
[72] MAURER, RAINER, DE
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[54] **COMPOSES ACTIVANT LA TELOMERASE ET LEURS PROCEDES D'UTILISATION**
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[72] SLAVIN, SHIMON, IL
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[54] **SYSTEME DE MASQUAGE SONORE AVEC GENERATEUR DE MASQUE SONORE CENTRALISE**
[72] MOELLER, KLAUS R., CA
[72] MOELLER, NIKLAS, CA
[72] RUSU, MIRCEA, CA
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[54] **CONVERSION DE DIOXYDE DE CARBONE EN METHANOL EFFECTUEE PAR BI-FORMAGE DE METHANE OU DE GAZ NATUREL**
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[73] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **REMEDE ANTICANCEREUX CONTENANT UN ANTICORPS DIRIGE CONTRE UN PEPTIDE CODE PAR L'EXON-17 DE LA PERIOSTINE**
[72] TANIYAMA, YOSHIAKI, JP
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[73] OSAKA UNIVERSITY, JP
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[54] **APPAREIL ET METHODE DE REGULATION DU DEBIT D'AIR PAR DES CONDUITS D'ALIMENTATION OU CIRCULE DE L'AIR ENTRAINANT UN PRODUIT, VERS PLUSIEURS CONTENANTS DUDIT PRODUIT DISPOSES EN RANGEES SUR UN APPAREIL AGRICOLE**
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[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **FUNGICIDAL N-CYCLOALKYL-BENZYL-THIOCARBOXAMIDES OR N-CYCLOALKYL-BENZYL-N'-SUBSTITUTED-AMIDINE DERIVATIVES**
[54] **DERIVES FONGICIDES DE N-CYCLOALKYL-BENZYL-THIOCARBOXAMIDES OU DE N-CYCLOALKYL-BENZYL-AMIDINE-N' -SUBSTITUE**
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[72] GARY, STEPHANIE, FR
[72] GROSJEAN-COURNOYER, MARIE-CLAIRE, FR
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[54] **APPAREIL ET PROCEDE POUR UN TRAITEMENT AU LASER D'UN MATERIAU**
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[72] WALKER, DUNCAN JOHN WILLIAM, GB
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[54] **RESIN SYSTEM FOR INTUMESCENT COATING WITH ENHANCED METAL ADHESION**
[54] **SYSTEME DE RESINE SERVANT A EFFECTUER UN REVETEMENT INTUMESCENT PRESENTANT UNE ADHERENCE AMELIOREE AU METAL**
[72] SCHMITT, GUNTER, DE
[72] NEUGEBAUER, PETER, DE
[72] SCHOLL, SYBILLE, DE
[72] HEEB, HEIKE, DE
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[54] **FEUILLE D'ACIER GALVANISE PAR TREMPAGE A CHAUD, DE HAUTE RESISTANCE, ET SON PROCEDE DE FABRICATION**
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[54] **DERIVES DE N-BENZYL, N'-ARYLCARBONYLPIPERAZINE**
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[72] NEAGU, IRINA, US
[72] CHAN, JUI-HSIANG, US
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[72] MORRIS, MICHELLE LEE, US
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[54] **GENE REGULATEUR DE LA HAUTEUR D'UNE PLANTE ET SES UTILISATIONS**
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[72] ZHANG, YINGYING, CN
[72] LI, QUN, CN
[73] SHANGHAI INSTITUTES FOR BIOLOGICAL SCIENCES, CHINESE ACADEMY OF SCIENCES, CN
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[73] BEACON POWER, LLC, US
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[72] GARCIA, MARIA, US
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[54] **VENTILATEUR DE PLAFOND AYANT DES CARACTERISTIQUES DE TUBE FIXE CONCENTRIQUE ET DE MISE HORS TENSION**
[72] AYNSLEY, RICHARD, AU
[72] FIZER, RICHARD, US
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[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[72] FLATH, DARCY ALDEN, US
[72] LINGENFELTER, ANDREW JOSEPH, US
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[54] **PROCEDE DE FABRICATION DE STRUCTURE MULTICOUCHE EN POLYCARBONATE**
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[72] LEOPOLD, ANDRE, DE
[72] PFLUGHOEFFT, MALTE, DE
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[54] **ACCELERATION DE LA PHASE DE DEMARRAGE D'UNE OPERATION DE DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR**
[72] WHEELER, THOMAS J., US
[72] DREYER, W. REID, JR., US
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R GAS-TO-LIQUID
DROISOMERIZED BASE
OCKS
OCEDE POUR ATTENUER LE
OUBLE ET AMELIORER LA
PACITE A ETRE FILTREES
IUILES DE BASE DE
ANSFORMATION DE GAZ EN
QUIDE HYDRO-ISOMERISEES
RIER, MARC-ANDRE, CA
KER, CHARLES L., US
DER, NICK A., US
NG, CHUNG-LAI, CA
EESON, JAMES W., US
IAK-BERNERO, VERA, US
KONMOBIL RESEARCH AND
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IMPROVE THE FLAVOR
ALITY OF READY-TO-DRINK
FFEE UPON RETORTING AND
ORAGE
LISATION D'AGENTS DE
VEUR EN THIOESTERS POUR
ELIORER LA QUALITE DE
VEUR D'UN CAFE PRET A
RE LORS DE LA
RREFACTION ET DU
OCKAGE
YNH-BA, TUONG, CH
NG, YU CHU, US
LAND, CAROL, US
TSCH, CATHERINE, CH
NK, IMRE, CH
GHT, CHARLES ANDREW, US
TEC S.A., CH
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[72] STACK, CASEY, US
[73] THE FLEWELLING FORD FAMILY TRUST, CA
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[72] RUMEAU, BERNARD, FR
[73] AIRBUS, FR
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[25] EN
[54] DRUG DELIVERY SYSTEM FOR ADMINISTRATION OF A WATER SOLUBLE, CATIONIC AND AMPHIPHILIC PHARMACEUTICALLY ACTIVE SUBSTANCE
[54] SYSTEME D'ADMINISTRATION DE MEDICAMENT POUR ADMINISTRER UNE SUBSTANCE PHARMACEUTIQUEMENT ACTIVE AMPHIPHILE, CATIONIQUE ET HYDROSOLUBLE
[72] ALEKSOV, JULIAN, SE
[72] LOKOT, IGOR, SE
[73] ARDENIA INVESTMENTS, LTD., GB
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[25] EN
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[54] SYSTEME D'ADMINISTRATION DE MEDICAMENT POUR ADMINISTRATION D'UNE SUBSTANCE PHARMACEUTIQUEMENT ACTIVE, AMPHIPHILE, CATIONIQUE ET HYDROSOLUBLE
[72] ALEKSOV, JULIAN, SE
[72] LOKOT, IGOR, SE
[73] ARDENIA INVESTMENTS, LTD., GB
[85] 2010-06-14
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[72] SUZUKI, KENICHI, JP
[72] TAMURA, TOSHIRO, JP
[72] IWASAWA, SUSUMU, JP
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[73] SHIROKI CORPORATION, JP
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[54] **APPARATUS FOR CLEANING A SUBMERGED SURFACE WITH REMOVABLE FILTRATION DEVICE**
[54] **APPAREIL NETTOYEUR DE SURFACE IMMERGEE A DISPOSITIF DE FILTRAGE DEMONTABLE**
[72] PICHON, PHILIPPE, FR
[72] MASTIO, EMMANUEL, FR
[73] ZODIAC POOL CARE EUROPE, FR
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[54] **APPARATUS FOR CLEANING A SUBMERGED SURFACE WITH A DISCONNECTABLE DIRTY CIRCUIT**
[54] **APPAREIL NETTOYEUR DE SURFACE IMMERGEE A CIRCUIT SALE DEMONTABLE**
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[72] MASTIO, EMMANUEL, FR
[73] ZODIAC POOL CARE EUROPE, FR
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[54] **BICYCLIC ARYL AND BICYCLIC HETEROARYL SUBSTITUTED TRIAZOLES USEFUL AS AXL INHIBITORS**
[54] **TRIAZOLES A SUBSTITUTION ARYLE BICYCLIQUES ET HETEROARYLE BICYCLIQUES UTILES EN TANT QU'INHIBITEURS AXL**
[72] GOFF, DANE, US
[72] ZHANG, JING, US
[72] SINGH, RAJINDER, US
[72] HOLLAND, SACHA, US
[72] HECKRODT, THILO, US
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[72] YU, JIAXIN, US
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[73] RIGEL PHARMACEUTICALS, INC., US
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[25] EN
[54] **N3-HETEROARYL SUBSTITUTED TRIAZOLES AND N5-HETEROARYL SUBSTITUTED TRIAZOLES USEFUL AS AXL INHIBITORS**
[54] **TRIAZOLES SUBSTITUES PAR N3-HETEROARYLE ET TRIAZOLES SUBSTITUES PAR N5-HETEROARYLE UTILES COMME INHIBITEURS DE AXL**
[72] GOFF, DANE, US
[72] ZHANG, JING, US
[72] SINGH, RAJINDER, US
[72] HOLLAND, SACHA, US
[72] YU, JIAXIN, US
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[54] **VEHICULE FERROVIAIRE INTERMODAL AMELIORE A DES FINS DE REALISATION D'UN TRAIN**
[72] WICKS, HARRY O., US
[72] DILUIGI, MICHAEL W., US
[73] RAILRUNNER N.A., INC., US
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[54] **PROCEDE DE PRODUCTION PAR COUCHES ET SYSTEME D'ECLAIRAGE UTILISE DANS LEDIT PROCEDE**
[72] JAMAR, JACOBUS HUBERTUS, NL
[72] MAALDERINK, HERMAN HENDRIKUS, NL
[72] VAN VLIET, WILHELMUS PETRUS, NL
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
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[54] **APPAREIL POUR ACCES VASCULAIRE PERIPHERIQUE**
[72] KEYSER, STEPHEN RICHARD, US
[72] MILLER, JAMES EDGERLY, III, US
[73] I-V ACCESS TECHNOLOGY, INC., US
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[54] **INTERFONCTIONNEMENT D'UN RESEAU EN ANNEAU ETHERNET ET D'UN RESEAU ETHERNET COMPORTANT DES CIRCUITS DE LIAISON CONCUS EN FONCTION DU TRAFIC**
[72] HOLNESS, MARC, CA
[72] BASHAR, ABDULLAH, CA
[73] CIENA LUXEMBOURG S.A.R.L., LU
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[54] **METHOD AND FORMULATION FOR NEUTRALIZING TOXIC CHEMICALS AND MATERIALS**
[54] **PROCEDE ET FORMULATION POUR NEUTRALISER DES PRODUITS CHIMIQUES ET DES MATERIAUX TOXIQUES**
[72] HENRY, TIMOTHY G., US
[72] PRICE, BARBARA B., US
[73] EMERGENT PROTECTIVE PRODUCTS CANADA ULC., CA
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[72] BYRNE, NORMAN R., US
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[54] **METALLIC MATERIAL FOR CONDUCTIVE MEMBER, SEPARATOR FOR FUEL CELL USING THE SAME, AND FUEL CELL USING THE SEPARATOR**
[54] **MATERIAU METALLIQUE POUR ELEMENT CONDUCTEUR, SEPARATEUR POUR PILE A COMBUSTIBLE UTILISANT CELUI-CI ET PILE A COMBUSTIBLE INCLUANT CE DERNIER**
[72] ISHIKAWA, SHIN, JP
[72] KATO, YASUSHI, JP
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[73] JFE STEEL CORPORATION, JP
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[54] **CURABLE RESIN COMPOSITION AND CURED RESIN**
[54] **COMPOSITION DE RESINE DURCISSABLE ET RESINE DURCIE**
[72] KISHI, HAJIME, JP
[72] KUNIMITSU, YUMI, JP
[72] IMADE, JIN, JP
[72] OSHITA, SHINYA, JP
[72] MORISHITA, YOSHIHIRO, JP
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[54] **DEVICE FOR GRIPPING AND INSTALLING WIRE**
[54] **DISPOSITIF PERMETTANT DE SAISIR ET D'INSTALLER UN FIL**
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[72] JORDAN, MICHAEL, US
[73] SOUTHWIRE COMPANY, LLC, US
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[54] **DISPOSITIF DE GAZEIFICATION AVEC EVACUATION DU MACHEFER**
[72] KUSKE, EBERHARD, DE
[72] HANROTT, CHRISTOPH, DE
[73] THYSSENKRUPP UHDE GMBH, DE
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[54] **BEVERAGE PRODUCTION DEVICE FOR PRODUCING A BEVERAGE FROM A SINGLE-USE CAPSULE**
[54] **DISPOSITIF DE PRODUCTION DE BOISSON POUR PRODUIRE UNE BOISSON A PARTIR D'UNE CAPSULE A USAGE UNIQUE**
[72] KOLLEP, ALEXANDRE, CH
[72] RITHENER, BLAISE, CH
[72] ETTER, STEFAN, CH
[72] SCHENK, RUDOLF, CH
[73] NESTEC S.A., CH
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[54] **AGGREGATE ABRASIVE GRAINS FOR ABRADING OR CUTTING TOOLS PRODUCTION**
[54] **GRAINS ABRASIFS AGREGES POUR LA PRODUCTION D'OUTILS D'ABRASION OU DE COUPE**
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[73] SHERIDAN, CEDRIC, LU
[85] 2010-09-02
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[25] EN
[54] **STABLE COMPOSITIONS OF THE HYDROGEN SULPHATE SALT OF 6-(4-BROMO-2-CHLORO-PHENYLAMINO)-7-FLUORO-3-METHYL-3H-BENZOIMIDAZOLE-5-CARBOXYLIC ACID (2-HYDROXY-ETHOXY)-AMIDE**
[54] **COMPOSITIONS STABLES DE SEL D'ACIDE SULFURIQUE DE 6-(4-BROMO-2-CHLORO-PHENYLAMINO)-7-FLUORO-3-METHYL-3H-BENZOIMIDAZOLE-5-A CIDE CARBOXYQUE (2-HYDROXY-ETHOXY)-AMIDE**
[72] BATEMAN, NICOLA FRANCES, GB
[72] GELLERT, PAUL RICHARD, GB
[72] HILL, KATHRYN JANE, GB
[73] ASTRAZENECA AB, SE
[73] ARRAY BIOPHARMA, INC., US
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[72] SCHUNK, STEFAN, DE
[72] LINZ, KLAUS, DE
[72] SCHROEBER, WOLFGANG, DE
[72] ENGLBERGER, WERNER, DE
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[73] GRUENENTHAL GMBH, DE
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[54] **ROULEAU POUR CHENILLARD AVEC ESPACEURS SPHERIQUES INTERNES**
[72] MULLIGAN, PATRICK J., US
[73] DEERE & COMPANY, US
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[54] **PROCEDE DE DIAGNOSTIC D'UNE HYPERTENSION ARTERIELLE PULMONAIRE**
[72] MOUTHON, LUC, FR
[72] HUMBERT, MARC, FR
[72] TAMBY, MATHIEU, FR
[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[73] UNIVERSITE PARIS DESCARTES, FR
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[54] **TETRACYCLIC ANTHRAQUINONE ANTIBIOTIC DERIVATIVES WITH HIGH ACTIVITY, PROCESS FOR PREPARING THE SAME AND USE THEREOF**
[54] **DERIVES DE TETRACYCLINE ANTHRAQUINONE AYANT UNE ACTIVITE ELEVEE, PROCEDE DE PREPARATION ET UTILISATION ASSOCIES**
[72] ZHANG, HESHENG, CN
[73] TIANJIN HEMAY BIO-TECH CO. LTD., CN
[73] TIANJIN MICHELE SCI-TECH DEVELOPMENT CO., LTD, CN
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[54] **MOTEUR A GRANDE VITESSE A AIMANT PERMANENT ET GENERATEUR A ROTOR METALLIQUE A FAIBLES PERTES**
[72] SORTORE, CHRISTOPHER, US
[72] IANNELLO, VICTOR, US
[72] FIELD, ROBERT JETT, US
[73] SYNCHRONY, INC., US
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[72] DATT, MICHAEL STEVEN, ZA
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[25] EN
[54] **METHOD AND APPARATUS FOR DOSING PRODUCTS**
[54] **PROCEDE ET DISPOSITIF DE DOSAGE DE PRODUITS**
[72] SCHEU, VOLKER, DE
[73] SIG TECHNOLOGY AG, CH
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[25] EN
[54] **MECHANICALLY CONTROLLED HYDRAULIC SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME HYDRAULIQUE A COMMANDE MECANIQUE POUR UN INSTRUMENT AGRICOLE**
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[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **OUTIL TELECOMMANDE DE PASSAGE DE CORDE**
[72] JANTZEN, LEON KEITH, CA
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[54] **A COLLECTION DEVICE AND METHOD OF USING SAME**
[54] **DISPOSITIF COLLECTEUR ET SON PROCEDE D'UTILISATION**
[72] INCORONATO, ARNE, NO
[73] OTT SUBSEA BAG TECHNOLOGY AS, NO
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[25] EN
[54] **SINGLE WELL DUAL/MULTIPLE HORIZONTAL FRACTURE STIMULATION FOR OIL PRODUCTION**
[54] **PROCEDE DE STIMULATION DE DOUBLES ET/OU MULTIPLES FRACTURES HORIZONTALES A L'AIDE D'UN SEUL PUITS DE PRODUCTION PETROLIERE**
[72] DONG, SHUXING, CN
[73] CONOCOPHILLIPS COMPANY, US
[86] (2723198)
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[54] **RECUPERATION DE GNL PAR REFRIGERATION OUVERTE A PRESSION CONSTANTE**
[72] MALSAM, MICHAEL, US
[73] LUMMUS TECHNOLOGY, INC., US
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[54] **DISPOSITIF D'AIDE A L'ACCOUCHEMENT**
[72] PESSINEN, EIJA, FI
[73] RELAXBIRTH OY, FI
[85] 2010-10-29
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[25] EN
[54] **SYSTEM AND METHOD OF AUTOMATIC DESTINATION SELECTION**
[54] **SYSTEME ET METHODE DE SELECTION AUTOMATIQUE DE DESTINATION**
[72] FINK, DANIEL EDWARD, US
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[72] FIESEL, WOLFGANG, DE
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[54] **REGULATEUR DE PRESSION PROPORTIONNEL**
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[72] POIRMEUR, XAVIER, FR
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[72] COUTURE, MANON, CA
[72] ORS, FREDERIC, CA
[72] TREPANIER, SONIA, CA
[72] LAVOIE, PIERRE-OLIVIER, CA
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[54] **PROCEDE ET APPAREIL POUR DECLENCHER UNE PROCEDURE D'ACCES ALEATOIRE DANS DES RESEAUX SANS FIL**
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[54] **MATERIAUX COMPOSITES DE NITRATE D'AMMONIUM S'OXYDANT FAIBLEMENT ET PROCEDES DE PREPARATION DE TELLES COMPOSITIONS**
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[54] **PROCEDE DE SAISIE D'INTRANTS D'UN DISPOSITIF ELECTRONIQUE ET DE GENERATION DE CARACTERES SELON LA SEQUENCE SONORE CAPTEE**
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[72] OR, YAT, SUN, US
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[72] ENGSTROM, KEN, US
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[54] **SYSTEME DE COMMUNICATION ET DISPOSITIF DE STATION MOBILE, DISPOSITIF DE STATION DE BASE, PROCEDE DE GESTION DE DISPOSITIFS DE STATION MOBILE, PROCEDE DE GESTION DE DISPOSITIFS DE STATION DE BASE ET SECTION DE TRAITEMENT**
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[54] **ELIMINATION D'AZOTE AMMONIACAL, DE NITRATE D'AMMONIUM ET DE NITRATE D'UREE PAR OXYDATION AVEC DES SOLUTIONS CONTENANT DE L'HYPOCHLORITE A PARTIR D'AIR EVACUE DANS DES INSTALLATIONS DE PRODUCTION D'AMMONIAC ET D'UREE**
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[54] **PROCEDE, APPAREIL ET PROCEDURE DE CONCEPTION PERMETTANT DE CONTROLER DES SYSTEMES DEPENDANT DE PARAMETRES A MULTIPLES ENTREES ET SORTIES, (MIMO) AU MOYEN D'UNE INVARIANCE DE TEMPSLINEAIRE (LTI) DE RETROACTION**
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[54] **MOBILE STATION APPARATUS, MANAGEMENT METHOD IN A MOBILE STATION APPARATUS, PROCESSING SECTION, BASE STATION APPARATUS AND COMMUNICATION SYSTEM**
[54] **DISPOSITIF DE STATION MOBILE, METHODE DE GESTION DANS UN DISPOSITIF DE STATION MOBILE, MODULE DE TRAITEMENT, DISPOSITIF DE STATION DE BASE ET SYSTEME DE COMMUNICATION**
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[54] **PROCEDE ET APPAREIL DE TRANSMISSION D'UN SIGNAL SONORE DE REFERENCE DANS UN SYSTEME DE COMMUNICATION RADIO**
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[54] **METHODE ET SYSTEME D'ATTENUATION DES ATTAQUES ENTRAINANT UN DENI DE SERVICE DISTRIBUES AU NIVEAU DES APPLICATIONS**
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[73] BLACKBERRY LIMITED, CA
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[72] WYLEZINSKI, ANDRZEJ, US
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[72] MCGEE, KATHY, US
[72] MORRIS, DAVID, US
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[72] HU, ROSE QINGYANG, US
[72] CAI, ZHIJUN, US
[72] FONG, MO-HAN, CA
[72] YU, YI, US
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[54] **RESEAU DE MULTIPLEXAGE D'INSERTION-EXTRACTION OPTIQUE HYBRIDE ET ATTRIBUTION DE LONGUEUR D'ONDE POUR CELUI-CI**
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[72] GOLOVCHENKO, EKATERINA A., US
[72] LI, HAIFENG, US
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[54] **ESTIMATEUR DE DISPERSION CHROMATIQUE ET METHODE D'ESTIMATION DE LA DISPERSION CHROMATIQUE**
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[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **PROCEDE ET SYSTEME AUTOMATISES DE COMMANDE DE STORE**
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[72] GREENSPAN, ALEX, US
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[54] **UNITE DE COMMANDE D'AUTOMATISATION POUR UN SYSTEME D'ESSAI DE LA PROCHAINE GENERATION**
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[72] SMITH, PETER J., GB
[72] WILLIAMS, STEPHEN M., GB
[72] STEELE, JASON A., GB
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **SYSTEMES ET PROCEDES DE THERMOSOUDAGE, ET ARTICLES ET MATERIAUX CORRESPONDANTS**
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[72] BECKSTROM, SCOTT, US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[73] FELICE, KAREN, CA
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[54] **MOTEUR A COMBUSTION INTERNE ET COMPRESSEUR DE SURALIMENTATION**
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[54] **FACE D'AFFICHAGE ET FABRICATION D'UN ELEMENT FORMANT SUPPORT TRANSLUCIDE DE L'ELEMENT D'AFFICHAGE**
[72] JUNGNICKEL, UWE, DE
[72] STEGMANN, WOLFGANG, DE
[73] BRAUN GMBH, DE
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[54] **TECHNIQUES POUR ELIMINER UNE COUCHE DE CONTAMINANT D'UN REVETEMENT DE BARRIERE THERMIQUE ET ESTIMER LA DUREE DE VIE RESTANTE DU REVETEMENT**
[72] HASSAN, WALED T., US
[72] BRINDLEY, WILLIAM J., US
[72] JORDAN, ERIC H., US
[72] RENFRO, MICHAEL W., US
[73] ROLLS-ROYCE CORPORATION, US
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[54] **PREPARATIONS COMBINEES CONTENANT DES EXOSOMES ET UN CORTICOSTEROIDE**
[72] WEHLING, PETER, DE
[72] REINECKE, JULIO, DE
[73] ORTHOGEN AG, DE
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[54] **PROCEDE D'UTILISATION DE ZONE CIBLE DYNAMIQUE POUR L'OPTIMISATION DU TRACE DE PUITS ET DU CENTRE DE FORAGE**
[72] CHENG, YAO-CHOU, US
[72] HOLL, JAMES E., US
[72] DISCHINGER, JOE D., US
[72] SEQUEIRA, JOSE J., JR., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **APPAREIL ET PROCEDE POUR LYOPHILISATION CONTINUE**
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[73] WYSSMONT COMPANY INC., US
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[25] EN
[54] **HANDHELD DEVICE HAVING PIVOTALLY RETRACTABLE KEYPAD ASSEMBLY**
[54] **APPAREIL PORTATIF MUNI D'UN CLAVIER PIVOTANT ET RETRACTABLE**
[72] LADOUCEUR, NORMAN MINER, CA
[72] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2783490)
[87] (2783490)
[22] 2012-07-18
[30] EP (11176488.2) 2011-08-03

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[51] **Int.Cl. A61L 24/02 (2006.01)**
[25] EN
[54] **POST IRRADIATION SHELF-STABLE DUAL PASTE DIRECT INJECTABLE BONE CEMENT PRECURSOR SYSTEMS AND METHODS OF MAKING SAME**
[54] **SYSTEMES PRECURSEURS DE CIMENT OSSEUX INJECTABLE DIRECTEMENT EN PATE DOUBLE A LONGUE DUREE DE CONSERVATION POST-IRRADIATION ET PROCEDES DE REALISATION DE CEUX-CI**
[72] O'MAHONY, DONAL, IE
[72] GARIGAPATI, VENKAT R., US
[72] SUN WAI, ADRIAN, IE
[72] HESS, BRIAN, US
[72] MURPHY, MATTHEW E., IE
[73] HOWMEDICA OSTEONICS CORP., US
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[54] **TETHERMAST AND FRAG WALL**
[54] **MUR DE MAT D'AMARRAGE ET ANTI-FRAGMENTATION**
[72] WARNER, HAROLD, CA
[72] RITZEL, DAVID, CA
[73] DYNAMIC SHELTERS INC., CA
[85] 2012-06-14
[86] 2010-12-14 (PCT/CA2010/001951)
[87] (WO2011/072374)
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[51] **Int.Cl. A61J 3/02 (2006.01) A61K 9/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING GRANULES**
[54] **PROCEDE DE FABRICATION DE GRANULES**
[72] NAGAHARA, NAOKI, JP
[72] ASAKAWA, NAOKI, JP
[72] NONOMURA, MUNEO, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[86] (2784881)
[87] (2784881)
[22] 2006-02-24
[62] 2,599,340
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[51] **Int.Cl. E21B 43/017 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR WATERFLOODING OFFSHORE RESERVOIRS**
[54] **SYSTEME ET PROCEDE POUR INONDER D'EAU DES RESERVOIRS EN MER**
[72] SAHNI, AKSHAY, US
[72] REXILIUS, JARRAD, AU
[73] CHEVRON U.S.A. INC., US
[85] 2012-06-18
[86] 2010-12-21 (PCT/US2010/061432)
[87] (WO2011/084769)
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[51] **Int.Cl. B01D 29/50 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR PARTICLE FILTRATION**
[54] **SYSTEME ET PROCEDE POUR FILTRATION DE PARTICULES**
[72] HUANG, LOTIEN, US
[73] CYTOVERA, INC., US
[85] 2012-06-21
[86] 2010-12-22 (PCT/US2010/061866)
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[30] US (61/289,730) 2009-12-23
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[51] **Int.Cl. F16L 13/14 (2006.01) F16L 19/14 (2006.01) F16L 37/05 (2006.01)**
[25] EN
[54] **MECHANICALLY ATTACHED FITTING FOR USE IN A SOUR ENVIRONMENT**
[54] **RACCORD FIXE MECANIQUEMENT DESTINE A ETRE UTILISE DANS UN ENVIRONNEMENT SULFUREUX**
[72] SINDELAR, MARK JOHN, US
[73] LOKRING TECHNOLOGY, LLC, US
[85] 2012-07-03
[86] 2011-01-04 (PCT/US2011/020115)
[87] (WO2011/082417)
[30] US (61/292,122) 2010-01-04

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[51] **Int.Cl. A63B 53/02 (2015.01)**
[25] EN
[54] **GOLF COUPLING MECHANISMS AND RELATED METHODS**
[54] **MECANISMES DE COUPLAGE POUR LE GOLF ET METHODES CONNEXES**
[72] JERTSON, MARTY R., US
[72] STOKKE, RYAN M., US
[73] KARSTEN MANUFACTURING CORPORATION, US
[86] (2788064)
[87] (2788064)
[22] 2012-08-28
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[30] US (13/429,319) 2012-03-24
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[51] **Int.Cl. A45D 34/04 (2006.01) A45D 40/18 (2006.01) A45D 40/24 (2006.01)**
[25] EN
[54] **PACKAGE FOR APPLYING A PERSONAL CARE PRODUCT**
[54] **CONDITIONNEMENT POUR APPLIQUER UN PRODUIT D'HYGIENE ET DE BEAUTE**
[72] WILSON, DAVID EDWARD, US
[72] LOUGHREN, ELLEN MARY, US
[72] CARNDUFF, IAN ANDREW, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-07-26
[86] 2011-02-14 (PCT/US2011/024719)
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[30] US (61/304,424) 2010-02-13
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[51] **Int.Cl. B65G 1/137 (2006.01) B65H 39/02 (2006.01)**
[25] EN
[54] **GOODS-TO-PERSON PICKING STATION AND PICKING METHOD**
[54] **POSTE DE PRELEVEMENT DE MARCHANDISES JUSQU'A UNE PERSONNE ET PROCEDE DE PRELEVEMENT**
[72] HORTIG, PHILIPP J., US
[72] STEENWYK, MATTHEW A., US
[72] HAYDEN, AARON J., US
[72] DESTRO, RAFFAELE, IT
[72] LOSENEGGER, BEAT, CH
[73] DEMATIC CORP., US
[85] 2012-08-15
[86] 2011-02-18 (PCT/US2011/025407)
[87] (WO2011/103404)
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[51] **Int.Cl. C09K 8/508 (2006.01) C09K 8/512 (2006.01)**
[25] EN
[54] **LEWIS ACID AS GELATION RETARDER FOR CROSSLINKABLE POLYMER COMPOSITIONS**
[54] **ACIDE DE LEWIS EN TANT QUE RETARDATEUR DE GELIFICATION POUR COMPOSITIONS POLYMERES RETICULABLES**
[72] REDDY, BAIRREDDY RAGHAVA, US
[72] EOFF, LARRY STEVEN, US
[72] VASQUEZ, JULIO ESTUARDO, US
[72] DALRYMPLE, ELDON DWYANN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-08-16
[86] 2011-03-11 (PCT/GB2011/000352)
[87] (WO2011/107761)
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[51] **Int.Cl. H05B 37/02 (2006.01) F21V 33/00 (2006.01) H04B 3/54 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROPAGATING OPTICAL SIGNALS ALONG WITH POWER FEED TO ILLUMINATORS AND ELECTRICAL APPLIANCES**
[54] **PROCEDE ET APPAREIL DESTINES A PROPAGER DES SIGNAUX OPTIQUES AVEC ALIMENTATION EN ENERGIE A DES ILLUMINATEURS ET DES APPAREILS ELECTRIQUES**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2012-08-16
[86] 2011-01-07 (PCT/US2011/020441)
[87] (WO2011/115690)
[30] US (12/725,808) 2010-03-17

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[54] **WELDING POWER SUPPLY WITH REGULATED BACKGROUND POWER SUPPLY**
[54] **ALIMENTATION POUR SOUDAGE COMPRENANT UNE ALIMENTATION SECONDAIRE REGULEE**
[72] VOGEL, BERNARD J., US
[73] ILLNOIS TOOL WORKS INC., US
[85] 2012-08-20
[86] 2011-03-08 (PCT/US2011/027608)
[87] (WO2011/112625)
[30] US (61/312,756) 2010-03-11
[30] US (12/946,748) 2010-11-15

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[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **SYSTEM FOR COMBINING SIGNALS OF PRESSURE SENSORS AND PARTICLE MOTION SENSORS IN MARINE SEISMIC STREAMERS**
[54] **SYSTEME DE COMBINAISON DE SIGNAUX DE CAPTEURS DE PRESSION ET DE CAPTEURS DE MOUVEMENT DE PARTICULES DANS DES FLUTES SISMIQUES MARINES**
[72] VAAGE, SVEIN TORLEIF, GB
[72] TENGHAMN, STIG RUNE LENNART, US
[72] BORRESEN, CLAES NICHOLAI, US
[73] PGS AMERICAS, INC., US
[86] (2792023)
[87] (2792023)
[22] 2004-12-23
[62] 2,491,340
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[25] EN
[54] **SENSOR SUBSTRATE SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DESTINES UN SUBSTRAT DETECTEUR**
[72] SHAH, RAJIV, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2012-09-17
[86] 2011-04-05 (PCT/US2011/031286)
[87] (WO2011/142903)
[30] US (61/321,614) 2010-04-07
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[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **TUBULAR EMBEDDED NOZZLE ASSEMBLY FOR CONTROLLING THE FLOW RATE OF FLUIDS DOWNHOLE**
[54] **ENSEMBLE BUSE INCORPORE TUBULAIRE PERMETTANT DE COMMANDER LE DEBIT DE FLUIDES DE FOND**
[72] HAMID, SYED, US
[72] FRIPP, MICHAEL LINLEY, US
[72] PATTON, EDWARD JOHN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-09-25
[86] 2011-02-25 (PCT/US2011/026190)
[87] (WO2011/126617)
[30] US (12/750,476) 2010-03-30

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[25] EN
[54] **METHOD FOR SORTING USED SECONDARY BATTERY, REBUILT BATTERY PACK, VEHICLE AND BATTERY OPERATED DEVICE INCORPORATING SAME, AND METHOD FOR MANUFACTURING REBUILT BATTERY PACK**
[54] **METHODE POUR TRIER UNE BATTERIE SECONDAIRE USAGEE, REBATIR LE BLOLC-BATTERIE, VEHICULE ET DISPOSITIF A BATTERIE INTEGRANT LADITE BATTERIE ET METHODE DE FABRICATION D'UN BLOC-BATTERIE REBATI**
[72] ITO, MASANORI, JP
[73] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP
[85] 2012-09-28
[86] 2010-03-31 (PCT/JP2010/055846)
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[25] EN
[54] **IRE-1.ALPHA. INHIBITORS**
[54] **INHIBITEURS DE L'IRE-1 ALPHA**
[72] ZENG, QINGPING, US
[72] TORO, ANDRAS, US
[72] PATTERSON, JOHN BRUCE, US
[72] WADE, WARREN STANFIELD, US
[72] ZUBOVICS, ZOLTAN, US
[72] YANG, YUN, CN
[72] WU, ZHIPENG, CN
[73] MANNKIND CORPORATION, US
[85] 2012-10-03
[86] 2011-04-05 (PCT/US2011/031274)
[87] (WO2011/127070)
[30] US (61/320,975) 2010-04-05

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[13] C
[51] **Int.Cl. G05B 23/02 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **INTEGRATED EXPERT SYSTEM FOR IDENTIFYING ABNORMAL EVENTS IN AN INDUSTRIAL PLANT**
[54] **SYSTEME EXPERT INTEGRE D'IDENTIFICATION D'EVENEMENTS ANORMAUX DANS INSTALLATION INDUSTRIELLE**
[72] KO, BYUNG-SU, US
[72] VAIDHYANATHAN, RAMESH, US
[72] RICHTER, JEFFREY A., US
[72] O'CONNOR, THOMAS F., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2012-10-05
[86] 2011-05-06 (PCT/US2011/035466)
[87] (WO2011/140414)
[30] US (61/332,392) 2010-05-07
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[51] **Int.Cl. H04N 21/231 (2011.01) H04W 4/00 (2009.01) H04N 21/232 (2011.01) H04N 21/274 (2011.01) H04N 21/435 (2011.01) H04N 21/472 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSFERRING DIGITAL CONTENT FROM A COMPUTER TO A MOBILE HANDSET**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRANSFERER DU CONTENU NUMERIQUE D'UN ORDINATEUR VERS UN COMBINE SANS FIL**
[72] HO, EDWIN, US
[72] WAI, KING SUN, US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-10-10
[86] 2011-04-13 (PCT/US2011/032372)
[87] (WO2011/130449)
[30] US (12/761,313) 2010-04-15

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[51] **Int.Cl. A61F 2/24 (2006.01)**
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[54] **POLYMERIC TRILEAFLET HEART VALVE PROSTHESIS**
[54] **PROTHESE DE VALVULE CARDIAQUE A TROIS FEUILLETS POLYMERES**
[72] CORBETT, SCOTT C., US
[73] ABIOMED, INC., US
[85] 2012-10-12
[86] 2011-04-14 (PCT/US2011/032560)
[87] (WO2011/130559)
[30] US (12/761,931) 2010-04-16

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[51] **Int.Cl. H02K 1/12 (2006.01) H02K 3/46 (2006.01)**
[25] EN
[54] **ELECTRIC MOTOR FOR HIGH-TEMPERATURE APPLICATIONS**
[54] **MOTEUR ELECTRIQUE POUR APPLICATIONS HAUTE TEMPERATURE**
[72] PHILLIPS, ROBIN, CH
[72] KUNSTMANN, KORNELIA, CH
[72] KUHN, WALTER, DE
[73] MAXON MOTOR AG, CH
[86] (2796503)
[87] (2796503)
[22] 2012-11-21
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[25] EN
[54] **SYNERGISTIC, NON-EQUILIBRIUM ALDEHYDE BIOCIDES**
[54] **BIOCIDES ALDEHYDES NON A L'EQUILIBRE SYNERGETIQUES**
[72] GLASBEY, TREVOR OWEN, AU
[72] PROBERT, GRAEME DAVID, AU
[72] WHITELEY, GREGORY STUART, AU
[72] WHITELEY, REGINALD KEITH, AU
[73] WHITELEY CORPORATION PTY LTD, AU
[85] 2012-10-22
[86] 2011-04-27 (PCT/AU2011/000472)
[87] (WO2011/134005)
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[51] **Int.Cl. G02B 17/08 (2006.01) G02B 13/18 (2006.01) G03B 21/14 (2006.01)**
[25] EN
[54] **PROJECTION OPTICAL SYSTEM AND IMAGE PROJECTION DEVICE**
[54] **SYSTEME OPTIQUE DE PROJECTION ET DISPOSITIF DE PROJECTION D'IMAGES**
[72] TAKAHASHI, TATSUYA, JP
[72] FUJITA, KAZUHIRO, JP
[72] ABE, ISSEI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2012-10-24
[86] 2011-05-09 (PCT/JP2011/061116)
[87] (WO2011/145535)
[30] JP (2010-114662) 2010-05-18

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[13] C
[51] **Int.Cl. G06F 3/041 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE ET PROCEDE DE COMMANDE ASSOCIE**
[72] DODGE, DANIEL THOMAS, CA
[72] LAZARIDIS, MIHAL, CA
[72] LINDSAY, DONALD JAMES, CA
[73] 2236008 ONTARIO INC., CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-10-30
[86] 2011-09-23 (PCT/CA2011/001069)
[87] (WO2012/037663)
[30] US (61/386,219) 2010-09-24

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[13] C
[51] **Int.Cl. G06F 3/041 (2006.01) H04W 88/02 (2009.01) G06F 3/14 (2006.01) G06F 15/02 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE ET PROCEDE DE COMMANDE ASSOCIE**
[72] DODGE, DANIEL THOMAS, CA
[72] LAZARIDIS, MIHAL, CA
[72] LINDSAY, DONALD JAMES, CA
[73] 2236008 ONTARIO INC., CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-10-30
[86] 2011-09-23 (PCT/CA2011/001070)
[87] (WO2012/037664)
[30] US (61/386,219) 2010-09-24

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[51] **Int.Cl. G01B 5/00 (2006.01) F02F 7/00 (2006.01)**
[25] EN
[54] **GAUGE APPARATUS HAVING PROFILE ASSEMBLY**
[54] **JAUGE A ASSEMBLAGE DE PROFILES**
[72] WADA, ALI, US
[72] ZARB, JOSEPH, US
[72] QUINN, DALE, US
[73] HONDA MOTOR CO., LTD., JP
[86] (2798380)
[87] (2798380)
[22] 2012-12-11

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[51] **Int.Cl. B66D 1/38 (2006.01)**
[25] EN
[54] **ROPE GUIDING DEVICE FOR A ROPE WINCH**
[54] **DISPOSITIF DE GUIDAGE DE CABLE POUR UN TREUIL A CABLE**
[72] SCHROEDER, WALTER, DE
[73] OLKO-MASCHINENTECHNIK GMBH, DE
[85] 2012-11-06
[86] 2011-05-20 (PCT/EP2011/058230)
[87] (WO2011/154236)
[30] DE (10 2010 023 400.1) 2010-06-11

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[51] **Int.Cl. H04N 5/335 (2011.01) H04N 5/232 (2006.01)**
[25] EN
[54] **METHOD TO STABILIZE VIDEO STREAM USING ON-DEVICE POSITIONAL SENSORS**
[54] **PROCEDE POUR STABILISER UN FLUX VIDEO A L'AIDE DE CAPTEURS DE POSITION SUR L'APPAREIL**
[72] O'NEILL, CONOR MICHAEL, CA
[72] POPA, RALUCA ALINA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2799008)
[87] (2799008)
[22] 2012-12-18
[30] EP (11195185.1) 2011-12-22

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[51] **Int.Cl. B62B 7/06 (2006.01) B62B 9/00 (2006.01)**
[25] EN
[54] **BABY CARRIAGE**
[54] **POUSSETTE POUR BEBE**
[72] YI, ZE-HUA, CN
[73] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK
[86] (2799108)
[87] (2799108)
[22] 2012-12-18
[30] CN (201110428065.2) 2011-12-19

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[13] C
[51] **Int.Cl. B64C 27/37 (2006.01) B64C 11/04 (2006.01) B64C 27/48 (2006.01) B64C 27/59 (2006.01)**
[25] EN
[54] **HUB ASSEMBLY WITH GREASE LUBRICATED ROLLER BEARING AND TENSION-TORSION STRAP**
[54] **ENSEMBLE DE MOYEUX AVEC ROULEMENT A ROULEAUX LUBRIFIE A LA GRAISSE ET FAISCEAU TORSIBLE**
[72] RAUBER, RICHARD, US
[72] STAMPS, FRANK B., US
[72] POPELKA, DAVID, US
[72] TISDALE, PATRICK, US
[72] DONOVAN, TOM, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2799697)
[87] (2799697)
[22] 2012-12-19
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[13] C
[51] **Int.Cl. G01L 23/00 (2006.01) G01L 23/02 (2006.01) G01R 31/00 (2006.01) H01F 30/00 (2006.01)**
[25] EN
[54] **INTERNAL FAULT INDICATOR FOR ELECTRICAL EQUIPMENT**
[54] **INDICATEUR DE DEFAUT INTERNE POUR EQUIPEMENT ELECTRIQUE**
[72] PEZZIN, JUSTIN GEORGE, CA
[72] HUNSBERGER, ADAM JOHN, CA
[72] CHISHOLM, JOHN PAUL, CA
[72] LEE, HYUK JAE, CA
[73] IFD INTERNAL FAULT DETECTOR CORP., CA
[85] 2012-11-19
[86] 2010-06-07 (PCT/CA2010/000836)
[87] (WO2011/153604)

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[13] C
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/06 (2006.01) A61K 8/19 (2006.01) A61K 8/31 (2006.01) A61K 8/39 (2006.01) A61K 8/41 (2006.01) A61K 8/44 (2006.01) A61K 8/46 (2006.01) A61K 8/81 (2006.01) A61K 8/891 (2006.01) A61K 8/92 (2006.01) A61K 8/97 (2006.01) A61Q 19/00 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TREATING SKIN**
[54] **COMPOSITIONS POUR TRAITEMENT DE LA PEAU**
[72] WEI, KARL SHIQING, US
[72] SMITH, EDWARD DEWEY, III, US
[72] MANSFIELD, SHAWN LYNN, US
[72] KOENIG, PETER HERBERT, US
[72] JI, WEI, US
[72] SURADKAR, YOGESH, IN
[72] BAGCHI, DEEPA, IN
[72] LOGOU, SUJATHA, IN
[72] JONES, STEVAN DAVID, IN
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-11-22
[86] 2011-06-10 (PCT/US2011/039907)
[87] (WO2011/156672)
[30] US (61/354,118) 2010-06-11

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[54] **METHOD AND APPARATUS FOR PRESENTING A VIDEO SCREEN**
[54] **PROCEDE ET DISPOSITIF D'AFFICHAGE D'ECRAN VIDEO**
[72] DAI, QIANG, CN
[72] MA, HUATENG, CN
[72] LI, SHIPING, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2012-11-23
[86] 2011-08-23 (PCT/CN2011/078749)
[87] (WO2012/025042)
[30] CN (201010261762.9) 2010-08-24

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[51] **Int.Cl. H04W 4/02 (2009.01) H04W 84/18 (2009.01) G08B 21/02 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **REAL-TIME METHOD AND SYSTEM FOR LOCATING A MOBILE OBJECT OR PERSON IN A TRACKING ENVIRONMENT**
[54] **PROCEDE ET SYSTEME TEMPS REEL POUR LA LOCALISATION D'UN OBJET MOBILE OU D'UNE PERSONNE DANS UN ENVIRONNEMENT DE POURSUITE**
[72] DERKS, HARRY G., US
[72] BUEHLER, WILLIAM S., US
[72] HALL, MICHAEL B. (DECEASED), US
[73] VERSUS TECHNOLOGY, INC., US
[73] FLEETWOOD GROUP, INC., US
[85] 2012-11-30
[86] 2011-07-27 (PCT/US2011/045461)
[87] (WO2012/015870)
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[51] **Int.Cl. E21B 21/00 (2006.01) C09K 8/03 (2006.01)**
[25] EN
[54] **SURFACTANT ADDITIVES USED TO RETAIN PRODUCIBILITY WHILE DRILLING**
[54] **ADDITIFS TENSIOACTIFS UTILISES POUR CONSERVER LA PRODUCTIVITE PENDANT LE FORAGE**
[72] VAN ZANTEN, RYAN, US
[72] HORTON, DAVID, US
[72] TANCHE-LARSEN, PER-BJARTE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-12-20
[86] 2011-06-29 (PCT/GB2011/000988)
[87] (WO2012/001361)
[30] US (12/827,451) 2010-06-30

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[13] C
[51] **Int.Cl. H01M 4/58 (2010.01) C01B 33/20 (2006.01) H01M 4/36 (2006.01)**
[25] EN
[54] **POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE, AND NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY**
[54] **MATIERE ACTIVE D'ELECTRODE POSITIVE, ELECTRODE POSITIVE ET BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX**
[72] NISHIJIMA, MOTOAKI, JP
[72] OHIRA, KOJI, JP
[72] SUEKI, TOSHITSUGU, JP
[72] ESAKI, SHOUGO, JP
[72] TANAKA, ISAO, JP
[72] KOYAMA, YUKINORI, JP
[72] TANAKA, KATSUHISA, JP
[72] FUJITA, KOJI, JP
[72] MURAI, SHUNSUKE, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2012-12-31
[86] 2011-06-16 (PCT/JP2011/063809)
[87] (WO2012/008265)
[30] JP (2010-157673) 2010-07-12

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[25] EN
[54] **DENTURE ADHESIVE HYDROGEL WITH DRY TACK**
[54] **ADHESIF DENTAIRE HYDROGEL A ADHERENCE A SEC**
[72] BORJA, MICHAEL J., US
[73] COMBE INCORPORATED, US
[86] (2804440)
[87] (2804440)
[22] 2013-01-25
[30] US (13/359,202) 2012-01-26

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[25] EN
[54] **STRUCTURE HAVING SOUND ABSORPTION CHARACTERISTIC**
[54] **STRUCTURE CARACTERISTIQUE D'ABSORPTION DU SON**
[72] KAWAI, JUNICHI, JP
[72] MIHARA, SATOSHI, JP
[72] KATO, CHIE, JP
[73] AISIN KAKO KABUSHIKI KAISHA, JP
[85] 2013-01-14
[86] 2011-05-24 (PCT/JP2011/061881)
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[30] JP (2010-160368) 2010-07-15

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[13] C
[51] **Int.Cl. G03G 5/147 (2006.01)**
[25] EN
[54] **ELECTROPHOTOGRAPHIC PHOTOCONDUCTOR, AND IMAGE FORMING METHOD, IMAGE FORMING APPARATUS, AND PROCESS CARTRIDGE FOR IMAGE FORMING APPARATUS USING THE ELECTROPHOTOGRAPHIC PHOTOCONDUCTOR**
[54] **PHOTOCONDUCTEUR ELECTROPHOTOGRAPHIQUE, AINSI QUE PROCEDE DE FORMATION D'IMAGES, APPAREIL DE FORMATION D'IMAGES ET CARTOUCHE DE TRAITEMENT POUR UN APPAREIL DE FORMATION D'IMAGES, UTILISANT LE PHOTOCONDUCTEUR ELECTROPHOTOGRAPHIQUE**
[72] NAGAI, KAZUKIYO, JP
[72] SUZUKI, TETSURO, JP
[72] LI, HONGGUO, JP
[73] RICOH COMPANY, LTD., JP
[85] 2013-01-14
[86] 2011-07-29 (PCT/JP2011/067921)
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[25] EN
[54] **VIDEO PREDICTION ENCODING AND DECODING FOR PARTITIONED REGIONS WHILE DETERMINING WHETHER OR NOT TO USE MOTION INFORMATION FROM NEIGHBORING REGIONS**
[54] **CODAGE ET DECODAGE DE PREDICTION VIDEO POUR LES REGIONS PARTITIONNEES PENDANT LA DETERMINATION DE L'UTILISATION OU DE LA NON-UTILISATION D'INFORMATION DE MOUVEMENT PROVENANT DE REGIONS VOISINES**
[72] SUZUKI, YOSHINORI, JP
[72] TAKIUE, JUNYA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[85] 2013-01-16
[86] 2011-07-14 (PCT/JP2011/066120)
[87] (WO2012/011432)
[30] JP (2010-163245) 2010-07-20
[30] JP (2010-174869) 2010-08-03

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[51] **Int.Cl. C30B 29/28 (2006.01) G02F 1/09 (2006.01)**
[25] EN
[54] **GARNET-TYPE SINGLE CRYSTAL, OPTICAL ISOLATOR AND LASER PROCESSING MACHINE**
[54] **MONOCRISTAL DE GRENAT, ISOLATEUR OPTIQUE ET MACHINE DE TRAITEMENT PAR LASER**
[72] FUNAKI, AKIHARU, JP
[72] HATANAKA, TSUBASA, JP
[72] SHIMAMURA, KIYOSHI, JP
[72] GARCIA, VILLORA ENCARNACION ANTONIA, JP
[73] FUJIKURA LTD., JP
[73] NATIONAL INSTITUTE FOR MATERIALS SCIENCE, JP
[85] 2013-01-17
[86] 2011-07-22 (PCT/JP2011/066665)
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[30] JP (2010-166663) 2010-07-26

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[51] **Int.Cl. F15B 11/16 (2006.01)**
[25] EN
[54] **SUPPLY SYSTEM WITH DIFFERENT OPERATING MODES FOR CONTROLLING HYDRAULIC TOOLS**
[54] **SYSTEME D'ALIMENTATION DOTE DE DIFFERENTS MODES DE FONCTIONNEMENT POUR LA COMMANDE D'OUTILS HYDRAULIQUES**
[72] PETERS, MARK EDWIN, US
[72] RENNER, ROSS, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-01-23
[86] 2011-07-26 (PCT/US2011/045420)
[87] (WO2012/015845)
[30] US (61/368,383) 2010-07-28
[30] US (61/368,375) 2010-07-28
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[25] EN
[54] **SHAFT WITH SHOULDER AND GROOVE**
[54] **ARBRE AVEC EPAULEMENT ET GORGE**
[72] FRANCISCO, JAY M., US
[72] JO, JANG Y., US
[72] GORAJSKI, MATTHEW, US
[73] HAMILTON SUNDSTRAND CORPORATION, US
[86] (2806953)
[87] (2806953)
[22] 2013-02-14
[30] US (13/446,349) 2012-04-13

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[13] C
[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR SENDING AND RECEIVING MEDIA STREAM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME D'ENVOI ET DE RECEPTION DE FLUX MULTIMEDIAS**
[72] ZHENG, HEWEN, CN
[72] WU, XINGFEN, CN
[72] CHENG, JIAN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-02-07
[86] 2011-06-02 (PCT/CN2011/075171)
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[51] **Int.Cl. C23G 5/024 (2006.01) B08B 3/10 (2006.01) C10G 75/00 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING MERCURY CONTAMINATION FROM SOLID SURFACES**
[54] **PROCEDE PERMETTANT DE SUPPRIMER DES SURFACES SOLIDES UNE CONTAMINATION PAR LE MERCURE**
[72] LORD, CHARLES JOHN, III, US
[72] LAMBERTSSON, LARS TORSTEN, SE
[72] BJORN, ERIK LENNART, SE
[72] FRECH, WOLFGANG, SE
[73] CONOCOPHILLIPS COMPANY, US
[85] 2013-02-07
[86] 2011-09-08 (PCT/US2011/050797)
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[30] US (61/385,855) 2010-09-23

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[51] **Int.Cl. H04W 48/14 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **DISCOVER NETWORK CAPABILITIES FOR CONNECTING TO AN ACCESS NETWORK**
[54] **PROCEDES ET APPAREIL DE DECOUVERTE DE CAPACITES DE RESEAU POUR SE CONNECTER A UN RESEAU D'ACCES**
[72] MCCANN, STEPHEN FREDERICK, GB
[72] MONTEMURRO, MICHAEL, CA
[72] STEER, DAVID, CA
[72] KENNEDY, RICHARD HOWARD, US
[72] DWYER, JOHANNA LISA, CA
[72] HOLE, DAVID PHILIP, GB
[73] BLACKBERRY LIMITED, CA
[85] 2012-11-09
[86] 2011-05-03 (PCT/US2011/034992)
[87] (WO2011/143007)
[30] US (12/779,809) 2010-05-13

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[51] **Int.Cl. F03B 13/14 (2006.01) B63B 22/00 (2006.01) E02B 9/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONVERSION OF WATER WAVES ENERGY TO ELECTRICAL ENERGY**
[54] **APPAREIL ET METHODE DE CONVERSION DE L'ENERGIE DES VAGUES EN ENERGIE ELECTRIQUE**
[72] HAYNES, CHARLES C., CA
[73] HAYNES, CHARLES C., CA
[86] (2808614)
[87] (2808614)
[22] 2013-03-11

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[51] **Int.Cl. H01T 13/20 (2006.01)**
[25] EN
[54] **SPARK PLUG**
[54] **BOUGIE D'ALLUMAGE**
[72] MARTIN, PERRY D., US
[72] WITHERSPOON, CHRISTOPHER J., US
[73] VOMAR TECH, INC., US
[85] 2013-02-20
[86] 2010-08-23 (PCT/US2010/046386)
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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-VEGFR-3 ANTIBODY COMPOSITIONS**
[54] **COMPOSITIONS D'ANTICORPS ANTI-VEGFR-3**
[72] PYTOWSKI, BRONISLAW, US
[72] PERSAUD, KRISHNADATT, US
[72] ZAYEK, NATHALIE, US
[73] IMCLONE LLC, US
[85] 2013-02-25
[86] 2011-09-01 (PCT/US2011/050131)
[87] (WO2012/033696)
[30] US (61/380,432) 2010-09-07

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[51] **Int.Cl. B05D 1/34 (2006.01) B41J 2/005 (2006.01) B41J 2/07 (2006.01) B41J 3/00 (2006.01) B41J 29/38 (2006.01)**
[25] EN
[54] **GRAPHICAL APPLICATION SYSTEM**
[54] **SYSTEME D'APPLICATION GRAPHIQUE**
[72] PETTERSSON, BO, GB
[72] SCHNEIDER, KLAUS, CH
[72] ZEBHAUSER, BENEDIKT, CH
[72] SIERCKS, KNUT, CH
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[86] (2809876)
[87] (2809876)
[22] 2013-03-19
[30] EP (12160353.4) 2012-03-20
[30] US (13/425,118) 2012-03-20

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T-CONDITIONING OIL SAND
RRY BLENDING FOR
PROVED EXTRACTION
RFORMANCE
LANGE POST-
NDITIONNEMENT DE LA
UE DE SABLES BITUMINEUX
UR UNE EXTRACTION PLUS
ICACE
NCE, JONATHAN, CA
G, JUN, CA
ROBERT, CA
SAMSON, CA
CRUDE CANADA LTD., CA
0730)
0730)
-03-28
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NDUIT AND METHOD OF
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SE ET CONDUIT POUR
MPTEUR DE SERVICES
LICS ET METHODE
STALLATION
DIN, DANIEL, CA
NARD, MARIE-EVE, CA
AN, BENOIT, CA
NVILLE, PATRICK, CA
ANCETTE, DANIEL, CA
MAS & BETTS
ERNATIONAL, INC., US
1751)
1751)
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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **DNA SEQUENCES COMPRISING GENE TRANSCRIPTION REGULATORY QUALITIES AND METHODS FOR DETECTING AND USING SUCH DNA SEQUENCES**
[54] **SEQUENCES D'ADN COMPRENANT DES QUALITES DE REGULATION DE LA TRANSCRIPTION GENIQUE ET METHODES DE DETECTION ET D'UTILISATION DE CES SEQUENCES D'ADN**
[72] OTTE, ARIE PIETER, NL
[72] KRUCKEBERG, ARTHUR LEO, NL
[73] CHROMAGENICS B.V., NL
[86] (2812821)
[87] (2812821)
[22] 2002-06-14
[62] 2,450,020
[30] EP (01202581.3) 2001-07-04
[30] US (60/303,199) 2001-07-05

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[13] C
[51] **Int.Cl. E21B 43/40 (2006.01) E21B 43/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DYNAMIC, VARIABLE-PRESSURE, CUSTOMIZABLE, MEMBRANE-BASED WATER TREATMENT FOR USE IN IMPROVED HYDROCARBON RECOVERY OPERATIONS**
[54] **PROCEDE ET APPAREIL POUR L'APPLICATION D'UNE MEMBRANE A UN TRAITEMENT D'EAU DYNAMIQUE, SOUS PRESSION VARIABLE, PERSONNALISABLE, DESTINE A ETRE UTILISE DANS DES OPERATIONS PERFECTIONNEES DE RECUPERATION D'HYDROCARBURES**
[72] HENTHORNE, LISA, US
[72] MOVAHED, BEN, US
[73] WATER STANDARD COMPANY (MI), MH
[85] 2013-03-18
[86] 2011-09-21 (PCT/US2011/052461)
[87] (WO2012/040267)
[30] US (12/887,214) 2010-09-21

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[13] C
[51] **Int.Cl. A61F 13/496 (2006.01) A61F 13/515 (2006.01)**
[25] EN
[54] **HYGIENE PANTS FOR SINGLE USE**
[54] **CULOTTE HYGIENIQUE A USAGE UNIQUE**
[72] CARTIER, JEAN-FRANCOIS, CA
[72] DUMAS, CHRISTIAN, CA
[72] EEN, HANS, SE
[72] LEHTO, MARCUS, SE
[73] SCA HYGIENE PRODUCTS AB, SE
[86] (2812969)
[87] (2812969)
[22] 2006-05-26
[62] 2,651,673

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[13] C
[51] **Int.Cl. G06F 3/038 (2013.01) G06F 3/0354 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DRAWING TOOL SELECTION**
[54] **PROCEDE ET APPAREIL POUR CHOIX D'OUTILS DE DESSIN**
[72] MESAROS, MARK DAVID, CA
[72] MULAOSMANOVIC, JASMIN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2813479)
[87] (2813479)
[22] 2013-04-19
[30] EP (12165611.0) 2012-04-26

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[13] C
[51] **Int.Cl. A23L 19/00 (2016.01) A23L 33/105 (2016.01) A23L 2/02 (2006.01) A23L 2/04 (2006.01) A23L 2/385 (2006.01) A23L 2/395 (2006.01)**
[25] EN
[54] **PROCESSING OF WHOLE FRUITS AND VEGETABLES, PROCESSING OF SIDE-STREAM INGREDIENTS OF FRUITS AND VEGETABLES, AND USE OF THE PROCESSED FRUITS AND VEGETABLES IN BEVERAGE AND FOOD PRODUCTS**
[54] **TRAITEMENT DE FRUITS ET LEGUMES ENTIERS, TRAITEMENT D'INGREDIENTS SECONDAIRES DE FRUITS ET LEGUMES, ET UTILISATION DES FRUITS ET LEGUMES TRAITES DANS DES BOISSONS ET PRODUITS ALIMENTAIRES**
[72] HAN, JUNG H., US
[72] LAMIKANRA, SOLA, US
[72] RIVERA, TEODORO, US
[72] YANG, JUN, US
[72] TREZZA, THOMAS A., US
[73] TROPICANA PRODUCTS, INC., US
[85] 2013-04-08
[86] 2011-10-03 (PCT/US2011/054556)
[87] (WO2012/047786)
[30] US (61/390,720) 2010-10-07

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[13] C
[51] **Int.Cl. C10L 5/44 (2006.01)**
[25] EN
[54] **HAY-BASED FUEL LOGS AND METHOD OF MAKING THE SAME**
[54] **BILLES COMBUSTIBLES A BASE DE FOIN ET LEUR PROCEDE DE FABRICATION**
[72] BRAGDON, PETER, US
[73] BRAGDON, PETER, US
[86] (2814163)
[87] (2814163)
[22] 2013-04-23
[30] US (61/639,116) 2012-04-27
[30] US (13/794,907) 2013-03-12

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[13] C
[51] **Int.Cl. A47J 37/07 (2006.01) F16L 3/02 (2006.01) F24C 3/08 (2006.01) F24C 3/12 (2006.01)**
[25] EN
[54] **GAS MANIFOLD BRACKET FOR GAS GRILL**
[54] **SUPPORT DE COLLECTEUR DE GAZ POUR GRIL AU GAZ**
[72] ALDEN, J. MICHAEL, US
[72] BEHNKE, PAUL ROBERT, US
[73] WEBER-STEPHEN PRODUCTS, LLC, US
[86] (2814459)
[87] (2814459)
[22] 2013-04-29
[30] US (13/463,436) 2012-05-03

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[13] C
[51] **Int.Cl. A01C 1/06 (2006.01)**
[25] EN
[54] **SEED-COVERING AGENT COMPRISING IRON POWDER AND A BINDER**
[54] **AGENT D'ENROBAGE DE SEMENCES COMPRENANT DE LA POUDRE DE FER ET UN LIANT**
[72] KAWANO, TAKASHI, JP
[72] FUJINAGA, MASASHI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-04-12
[86] 2011-11-10 (PCT/JP2011/076468)
[87] (WO2012/063970)
[30] JP (2010-253691) 2010-11-12
[30] JP (2011-175768) 2011-08-11

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[13] C
[51] **Int.Cl. C09K 8/06 (2006.01) C09K 8/54 (2006.01) C23F 11/12 (2006.01) C23F 11/14 (2006.01)**
[25] EN
[54] **OXYGEN SCAVENGER COMPOSITIONS FOR COMPLETION BRINES**
[54] **COMPOSITIONS DESOXYGENANTES POUR DES SAUMURES DE COMPLETION**
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-04-22
[86] 2011-11-15 (PCT/GB2011/001608)
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[30] US (12/947,540) 2010-11-16

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[13] C
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[25] EN
[54] **SOLID/FLUID SEPARATION DEVICE AND METHOD FOR TREATING BIOMASS INCLUDING SOLID/FLUID SEPARATION**
[54] **DISPOSITIF DE SEPARATION SOLIDE/FLUIDE ET PROCEDE DE TRAITEMENT DE LA BIOMASSE INCLUANT LA SEPARATION SOLIDE/FLUIDE**
[72] BRADT, CHRISTOPHER BRUCE, CA
[72] LEHOUX, RICHARD ROMEO, CA
[73] GREENFIELD SPECIALTY ALCOHOLS INC., CA
[85] 2013-04-24
[86] 2011-11-09 (PCT/CA2011/050695)
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[30] US (61/411,721) 2010-11-09

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[13] C
[51] **Int.Cl. C21D 1/52 (2006.01) C22F 1/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HEATING METALS**
[54] **PROCEDE ET APPAREIL POUR CHAUFFER LES METAUX**
[72] HEGENBERG, THOMAS JUERGEN, DE
[72] KUEEHNE, LINDA, DE
[72] LANGEMEYER, GREGOR, DE
[72] SCHEMBERG, SIEGFRIED, DE
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2816005)
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[30] EP (12003932.6) 2012-05-18

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[25] EN
[54] **A CENTRIFUGAL SEPARATOR, WEAR RESISTANCE MEMBER AND SET OF WEAR RESISTANCE MEMBERS FOR A CENTRIFUGAL SEPARATOR**
[54] **SEPARATEUR CENTRIFUGE, ORGANE DE RESISTANCE A L'USURE, ENSEMBLE D'ORGANES DE RESISTANCE A L'USURE POUR UN SEPARATEUR CENTRIFUGE**
[72] LENDZIAN, WILLI B., DK
[72] SVARRER, HANS LAUGE JOAKIM, DK
[72] REIFF, HENRIK, DK
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2013-04-29
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[87] (WO2012/062326)
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[54] **VEHICLE AND PERSONAL BARRIER FOR CONSTRUCTION SITE**
[54] **BARRIERE POUR VEHICULES ET PIETONS POUR CHANTIER DE CONSTRUCTION**
[72] DITTA, PAUL LUKE, CA
[72] DITTA, VITO, CA
[72] DITTA, JOSEPH, CA
[73] DITTA, PAUL LUKE, CA
[73] DITTA, VITO, CA
[73] DITTA, JOSEPH, CA
[86] (2817563)
[87] (2817563)
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[25] EN
[54] **LAUNDRY CARE COMPOSITIONS COMPRISING CHARGED THIOPHENE AZO DYES**
[54] **COMPOSITIONS DE LESSIVE COMPRENANT DES COLORANTS AZOIQUES THIOPHENIQUES**
[72] MIRACLE, GREGORY SCOT, US
[72] MAHAFFEY, ROBERT LINN, JR., US
[72] HONG, XIAOYONG MICHAEL, US
[72] TORRES, EDUARDO, US
[72] VALENTI, DOMINICK JOSEPH, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-05-10
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[25] EN
[54] **SPRINKLER ASSEMBLY FOR ATTACHMENT TO A PIPING SYSTEM**
[54] **ENSEMBLE DIFFUSEUR DESTINE A ETRE FIXE SUR UN SYSTEME DE TUYAUTERIE**
[72] ORR, SHAWN G., US
[72] FRANSON, SCOTT T., US
[73] THE VIKING CORPORATION, US
[85] 2013-05-13
[86] 2011-08-02 (PCT/US2011/046231)
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[25] EN
[54] **NEEDLE MAGAZINE FOR MEDICATION INJECTION DEVICE**
[54] **CARTOUCHE D'AIGUILLES POUR UN DISPOSITIF D'INJECTION DE MEDICAMENT**
[72] BYERLY, ROY HOWARD, US
[72] MELZI, ILARIO, US
[73] ELI LILLY AND COMPANY, US
[85] 2013-05-15
[86] 2011-11-17 (PCT/US2011/061098)
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[25] EN
[54] **RADIATION SOURCE MODULE AND FLUID TREATMENT SYSTEM**
[54] **MODULE SOURCE DE RAYONNEMENT ET SYSTEME DE TRAITEMENT DE FLUIDE**
[72] TRAUBENBERG, GEORGE, CA
[72] PENHALE, DOUGLAS, CA
[73] TROJAN TECHNOLOGIES, CA
[85] 2013-05-27
[86] 2011-12-13 (PCT/CA2011/001350)
[87] (WO2012/079149)
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[51] **Int.Cl. B65B 31/06 (2006.01) B65B 51/14 (2006.01)**
[25] EN
[54] **HEAT SEALER WITH ALGORITHM FOR REGULATING SEALING TEMPERATURE**
[54] **SCELLEUSE THERMIQUE A ALGORITHME SERVANT A REGULER LA TEMPERATURE DE SCELLAGE**
[72] LIU, ZHU, CN
[72] SUN, TERRY, CN
[72] WONG, FRANCIS, CN
[72] HIGER, LANDEN, US
[73] SUNBEAM PRODUCTS, INC., US
[85] 2013-05-23
[86] 2011-11-23 (PCT/US2011/062030)
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[51] **Int.Cl. E21B 10/42 (2006.01) B01J 8/00 (2006.01) E21B 10/627 (2006.01)**
[25] EN
[54] **EARTH REMOVAL MEMBER WITH FEATURES FOR FACILITATING DRILL-THROUGH**
[54] **ELEMENT D'ELIMINATION DE TERRE QUI COMPORTE DES CARACTERISTIQUES POUR FACILITER LE FORAGE**
[72] UGWUOCHA, SHARP OKORIE, GB
[72] RAE, STEVEN, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-06-07
[86] 2011-12-21 (PCT/US2011/066607)
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[30] US (61/459,969) 2010-12-22

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[51] **Int.Cl. B64D 27/00 (2006.01) B64C 27/12 (2006.01) B64D 31/00 (2006.01) B64D 35/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF AUGMENTING POWER IN A ROTORCRAFT**
[54] **SYSTEME ET PROCEDE POUR AUGMENTER LA PUISSANCE D'UN GIRAVION**
[72] KOUROS, AREIAN, US
[72] AUBERT, ROGER, US
[72] MADEJ, PAUL, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2821104)
[87] (2821104)
[22] 2013-07-11
[30] US (13/563,086) 2012-07-31

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[13] C
[51] **Int.Cl. H04L 12/66 (2006.01) H04W 24/00 (2009.01) H01B 7/00 (2006.01)**
[25] EN
[54] **ENTERTAINMENT, LIGHTING AND CLIMATE CONTROL SYSTEM**
[54] **SYSTEME DE DIVERTISSEMENT, D'ECLAIRAGE ET DE CONDITIONNEMENT D'AIR**
[72] KARAM, BRIAN WILLIAM, CA
[73] KARAM, BRIAN WILLIAM, CA
[86] (2821726)
[87] (2821726)
[22] 2013-07-23
[30] US (61/674,685) 2012-07-23

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[51] **Int.Cl. B64C 27/64 (2006.01) B64C 27/54 (2006.01) F04D 29/36 (2006.01) F15C 3/00 (2006.01)**
[25] EN
[54] **INDEPENDENT BLADE CONTROL SYSTEM WITH HYDRAULIC PITCH LINK**
[54] **SYSTEME DE COMMANDE DE LAME INDEPENDANT A BIELLETTE DE COMMANDE DE PAS HYDRAULIQUE**
[72] FENNY, CARLOS A., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2822073)
[87] (2822073)
[22] 2013-07-24
[30] US (13/565,554) 2012-08-02

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[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **BOVINE VIRAL DIARRHEA VIRUS TYPE 1B VACCINE COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS VACCINALES CONTRE LE VIRUS DE LA DIARRHEE VIRALE BOVINE DE TYPE 1B (BVDV-1B), ET METHODES ASSOCIEES**
[72] WEISE, DALE WADE, US
[72] HARRIS, JAMES ROBERT, US
[73] ELI LILLY AND COMPANY, US
[85] 2013-06-21
[86] 2011-12-21 (PCT/US2011/066384)
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[51] **Int.Cl. F16B 5/06 (2006.01) F16B 2/12 (2006.01) F24J 2/52 (2006.01) H02S 30/00 (2014.01)**
[25] EN
[54] **UNIVERSAL PANEL CLAMP**
[54] **ATTACHE DE PANNEAU UNIVERSELLE**
[72] JAFFARI, ANDY A., US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2823303)
[87] (2823303)
[22] 2013-08-07
[30] US (61/680,893) 2012-08-08
[30] US (13/958,984) 2013-08-05

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[13] C
[51] **Int.Cl. C12P 21/00 (2006.01) C12P 19/00 (2006.01) D21C 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PROTEIN FROM BIOMASS**
[54] **METHODE DE PRODUCTION DE PROTEINE A PARTIR DE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2823383)
[87] (2823383)
[22] 2007-10-26
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

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[13] C
[51] **Int.Cl. B02C 21/02 (2006.01)**
[25] EN
[54] **MOBILE CRUSHING SYSTEM**
[54] **INSTALLATION DE BROYAGE MOBILE**
[72] BLONDIN, WOLFGANG, DE
[72] GENIUS, WOLFGANG, DE
[72] SCHNEIDER, FRANK, DE
[73] THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH, DE
[85] 2013-07-02
[86] 2011-12-22 (PCT/EP2011/006499)
[87] (WO2012/092953)
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[51] **Int.Cl. E02D 7/08 (2006.01)**
[25] EN
[54] **POST DRIVER WITH LIMITED MOVEMENT FLOATING POST ANVIL**
[54] **ENFONCE-PIEU A ENCLUME POUR POTEAU FLOTTANT A MOUVEMENT LIMITE**
[72] NIEKAMP, GARY J., US
[72] VAN LANT, TYLER, US
[73] DANUSER LLC, US
[86] (2823796)
[87] (2823796)
[22] 2013-08-12
[30] US (13/753,266) 2013-01-29

[11] **2,823,938**
[13] C
[51] **Int.Cl. B60P 1/43 (2006.01) B60P 3/40 (2006.01) B60R 9/06 (2006.01)**
[25] EN
[54] **FOLDABLE EXTENSION DECK AND RAMP ASSEMBLY FOR PICKUP TRUCK**
[54] **PLATEFORME DE RALLONGE PLIANTE ET ENSEMBLE DE RAMPES POUR CAMIONNETTE**
[72] MICHAUD, MICHEL, CA
[73] MICHAUD, MICHEL, CA
[86] (2823938)
[87] (2823938)
[22] 2013-08-19
[30] US (61/743,159) 2012-08-28

[11] **2,824,731**
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[51] **Int.Cl. A24B 15/10 (2006.01)**
[25] EN
[54] **SMOKING ARTICLES**
[54] **ARTICLES A FUMER**
[72] DITTRICH, DAVID, GB
[72] BRANTON, PETER, GB
[72] BEVAN, MICHAEL, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2013-07-12
[86] 2012-02-16 (PCT/GB2012/050349)
[87] (WO2012/110819)
[30] GB (1102785.1) 2011-02-17
[30] GB (1113614.0) 2011-08-08

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[51] **Int.Cl. H01B 17/28 (2006.01)**
[25] EN
[54] **TEMPERATURE COMPENSATED BUSHING DESIGN**
[54] **MODELE DE TRAVERSEE A COMPENSATION THERMIQUE**
[72] ERIKSSON, THOMAS, SE
[72] SJOBERG, PETER, SE
[73] ABB TECHNOLOGY LTD, CH
[85] 2013-07-17
[86] 2011-12-20 (PCT/EP2011/073445)
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[30] EP (11152449.2) 2011-01-28

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[51] **Int.Cl. G01V 8/16 (2006.01)**
[25] EN
[54] **USE OF DIGITAL TRANSPORT DELAY TO IMPROVE MEASUREMENT FIDELITY IN SWEPT-WAVELENGTH SYSTEMS**
[54] **UTILISATION D'UN RETARD DE TRANSPORT NUMERIQUE POUR AMELIORER LA FIDELITE DE LA MESURE DE SYSTEMES A LONGUEUR D'ONDE BALAYEE**
[72] DUNCAN, ROGER GLEN, US
[72] CHILDERS, BROOKS A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-07-19
[86] 2012-01-05 (PCT/US2012/020262)
[87] (WO2012/108965)
[30] US (13/023,945) 2011-02-09

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[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **USE OF MULTIVALENT INORGANIC ADDITIVES**
[54] **UTILISATION D'ADDITIFS INORGANIQUES MULTIVALENTS**
[72] MIKULA, RANDY, CA
[72] BARA, BARRY, CA
[72] LORENTZ, JAMES, CA
[72] WANG, NAN, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, CA
[86] (2825515)
[87] (2825515)
[22] 2013-08-29
[30] US (61/718,868) 2012-10-26

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[51] **Int.Cl. B23C 5/06 (2006.01) B23C 5/22 (2006.01)**
[25] EN
[54] **TANGENTIAL CUTTING INSERT AND MILLING CUTTER**
[54] **INSERT DE COUPE TANGENTIEL ET FRAISE**
[72] SATRAN, AMIR, IL
[72] ZIBENBERG, ALEXANDER, IL
[72] CHEN, DANNY, IL
[73] ISCAR LTD., IL
[85] 2013-07-30
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[51] **Int.Cl. H04L 9/32 (2006.01) H04W 4/00 (2009.01) H04W 12/06 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR AUTHORIZING ENDPOINTS OF A PUSH PATHWAY**
[54] **SYSTEMES, APPAREILS ET METHODES D'AUTORISATION DE POINTS FINAUX D'UN CHEMIN DIRECT**
[72] MCCOLGAN, BRIAN EDWARD ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2826126)
[87] (2826126)
[22] 2013-09-03
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[51] **Int.Cl. C01B 21/093 (2006.01) C07C 303/40 (2006.01) C07C 311/48 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF FLUOROSULFONYLIMIDE AMMONIUM SALT**
[54] **PROCEDE POUR LA PRODUCTION DE SEL D'AMMONIUM DE FLUOROSULFONYLIMIDE**
[72] TSUBOKURA, SHIRO, JP
[72] MARUYAMA, MICHIAKI, JP
[73] NIPPON SODA CO., LTD., JP
[85] 2013-08-07
[86] 2012-01-30 (PCT/JP2012/051952)
[87] (WO2012/108284)
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[51] **Int.Cl. E21C 41/26 (2006.01) B03B 9/02 (2006.01) E21C 41/24 (2006.01)**
[25] EN
[54] **MOBILE OIL SANDS MINING SYSTEM**
[54] **SYSTEME MOBILE POUR L'EXTRACTION DU SABLE BITUMINEUX**
[72] LITTLE, JOHN S., CA
[72] DECRESCENTIS, MARIO, CA
[72] MACDOUGALL, PAUL F., CA
[72] BJORNSON, BRADFORD E., CA
[73] SUNCOR ENERGY INC., CA
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[25] EN
[54] **TRANSMISSION CABLE**
[54] **CABLE DE TRANSMISSION**
[72] TANABE, SUGURU, JP
[73] JUNKOSHA INC., JP
[85] 2013-08-13
[86] 2012-02-13 (PCT/JP2012/053901)
[87] (WO2012/120993)
[30] JP (2011-048265) 2011-03-04

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[13] C
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR PIPES**
[54] **RACCORD FILETE POUR TUBE**
[72] KAWAI, TAKAMASA, JP
[72] TAKAHASHI, KAZUNARI, JP
[72] CHIKATSUNE, HIROSHI, JP
[72] YOSHIKAWA, MASAKI, JP
[72] TAKANO, JUN, JP
[72] NAGAHAMA, TAKUYA, JP
[72] UETA, MASATERU, JP
[72] SONOBE, OSAMU, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-08-16
[86] 2012-02-24 (PCT/JP2012/055292)
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[30] JP (2011-042602) 2011-02-28
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[51] **Int.Cl. A43B 3/00 (2006.01)**
[25] EN
[54] **FOOTWEAR HAVING SENSOR SYSTEM**
[54] **ARTICLE CHAUSSANT POSSEDANT UN SYSTEME CAPTEUR**
[72] AMOS, MICHAEL S., US
[72] OWINGS, ANDREW A., US
[72] SCHROCK, ALLAN M., US
[72] DEAN, ANTHONY, US
[73] NIKE INNOVATE C.V., US
[85] 2013-08-16
[86] 2012-02-17 (PCT/US2012/025709)
[87] (WO2012/112930)
[30] US (61/443,802) 2011-02-17

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[51] **Int.Cl. B64C 27/58 (2006.01) B64C 13/38 (2006.01)**
[25] EN
[54] **DIRECT-DRIVE CONTROL OF AIRCRAFT STABILITY AUGMENTATION**
[54] **COMMANDE D'ENTRAINEMENT DIRECTE POUR AUGMENTER LA STABILITE D'UN AERONEF**
[72] COVINGTON, CHARLES E., US
[72] FENNY, CARLOS A., US
[72] ATKINS, BRADY G., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2829734)
[87] (2829734)
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[51] **Int.Cl. G05D 1/10 (2006.01)**
[25] EN
[54] **FLIGHT CONTROL LAWS FOR FULL ENVELOPE BANKED TURNS**
[54] **LOIS DE COMMANDE DE VOL POUR VIRAGES INCLINES DE PLEINE ENVELOPPE**
[72] CHRISTENSEN, KEVIN THOMAS, US
[72] SHUE, SHYHPYNG JACK, US
[72] CAUDILL, TROY SHELDON, US
[72] LAPPOS, NICHOLAS DEAN, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2013-09-17
[86] 2011-03-29 (PCT/US2011/030321)
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[25] EN
[54] **PROCESS FOR MANUFACTURING A YANKEE CYLINDER**
[54] **PROCEDE DE PRODUCTION D'UN CYLINDRE FRICTIONNEUR**
[72] KRASSER, JOSEF, AT
[72] MAIER, MARKUS, AT
[72] KAHSIOVSKY, LUDWIG, AT
[73] ANDRITZ AG, AT
[85] 2013-09-20
[86] 2012-03-19 (PCT/EP2012/001200)
[87] (WO2012/126603)
[30] AT (A 396/2011) 2011-03-21
[30] EP (11007162.8) 2011-09-05

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[25] EN
[54] **AUTONOMOUS FLUID CONTROL ASSEMBLY HAVING A MOVABLE, DENSITY-DRIVEN DIVERTER FOR DIRECTING FLUID FLOW IN A FLUID CONTROL SYSTEM**
[54] **ENSEMBLE DE REGULATION AUTONOME DE FLUIDE COMPRENANT UN SELECTEUR COMMANDE PAR DENSITE POUR DIRIGER L'ECOULEMENT DE FLUIDE DANS UN SYSTEME DE REGULATION DE FLUIDE**
[72] FRIPP, MICHAEL L., US
[72] DYKSTRA, JASON D., US
[72] DEJESUS, ORLANDO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-09-20
[86] 2011-11-11 (PCT/US2011/060331)
[87] (WO2013/070235)
[30] US (61/473,700) 2011-04-08

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[51] **Int.Cl. C07C 253/14 (2006.01) C07D 223/16 (2006.01) C07C 255/37 (2006.01)**
[25] EN
[54] **NEW PROCESS FOR THE SYNTHESIS OF (2E)-3(3,4-DIMETHOXYPHENYL)PROP-2-ENENITRILE, AND APPLICATION IN THE SYNTHESIS OF IVABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE ACID**
[54] **NOUVEAU PROCEDE DE SYNTHESE DE (2E)-3(3,4-DIMETHOXYPHENYL)PROP-2-ENENITRILE ET APPLICATION DANS LA SYNTHESE DE L'IVABRADINE ET DE SES SELS D'ADDITION A UN ACIDE PHARMACEUTIQUEMENTACCEPTABLE**
[72] CARRANZA, MARIA DEL PILAR, ES
[72] GARCIA ARANDA, MARIA ISABEL, ES
[72] GONZALEZ, JOSE LORENZO, ES
[72] SANCHEZ, FREDERIC, ES
[73] LES LABORATOIRES SERVIER, FR
[86] (2831289)
[87] (2831289)
[22] 2013-10-24
[30] FR (12/60576) 2012-11-08

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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **A METHOD FOR REGENERATION OF SOLID AMINE CO2 CAPTURE BEDS**
[54] **PROCEDE DE REGENERATION DE LITS DE CAPTURE DE C02 AMINES SOLIDES**
[72] BEDELL, STEPHEN ALAN, US
[73] ALSTOM TECHNOLOGY LTD, CH
[86] (2831438)
[87] (2831438)
[22] 2013-10-29
[30] US (61/722,454) 2012-11-05
[30] US (13/924,074) 2013-06-21

[11] **2,831,526**
[13] C
[51] **Int.Cl. B60B 5/00 (2006.01) B29D 99/00 (2010.01) B29C 45/16 (2006.01) B60C 1/00 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **TREADED WHEEL**
[54] **ROUE A SCULPTURES**
[72] BERTRAND, PATRICE, US
[73] ROLL-TECH MOLDING PRODUCTS, LLC, US
[86] (2831526)
[87] (2831526)
[22] 2013-10-28
[30] US (13/777,180) 2013-02-26

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[11] **2,831,528**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **NETWORKED, WIRELESS LIGHTING CONTROL SYSTEM WITH DISTRIBUTED INTELLIGENCE**
[54] **SYSTEME DE COMMANDE D'ECLAIRAGE SANS FIL EN RESEAU, A INTELLIGENCE DISTRIBUEE**
[72] PLATNER, BRIAN P., US
[72] FASSBENDER, WILLIAM J., US
[72] ZAVERUHA, RYAN A., US
[72] RAMIREZ, FRANK J., US
[72] GROSS, PHILIP S., US
[72] FRIGON, RAYMOND A., US
[73] ABL IP HOLDING, LLC, US
[86] (2831528)
[87] (2831528)
[22] 2009-05-05
[62] 2,722,540
[30] US (12/116,185) 2008-05-06

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[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **NETWORKED, WIRELESS LIGHTING CONTROL SYSTEM WITH DISTRIBUTED INTELLIGENCE**
[54] **SYSTEME DE COMMANDE D'ECLAIRAGE SANS FIL EN RESEAU, A INTELLIGENCE DISTRIBUEE**
[72] PLATNER, BRIAN P., US
[72] FASSBENDER, WILLIAM J., US
[72] ZAVERUHA, RYAN A., US
[72] RAMIREZ, FRANK J., US
[72] GROSS, PHILIP S., US
[72] FRIGON, RAYMOND A., US
[73] ABL IP HOLDING, LLC, US
[86] (2831530)
[87] (2831530)
[22] 2009-05-05
[62] 2,722,540
[30] US (12/116,185) 2008-05-06

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[13] C
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **MEDICAMENT DELIVERY DEVICE COMPRISING A LOCKING MECHANISM HAVING A LEVER**
[54] **DISPOSITIF D'ADMINISTRATION D'UN MEDICAMENT COMPORTANT UN MECANISME DE VERROUILLAGE MUNI D'UN LEVIER**
[72] HOLMQVIST, ANDERS, SE
[73] SHL GROUP AB, SE
[85] 2013-10-01
[86] 2012-03-30 (PCT/SE2012/050355)
[87] (WO2012/138285)
[30] SE (1150300-0) 2011-04-05
[30] US (61/471,886) 2011-04-05

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[11] **2,832,253**
[13] C
[51] **Int.Cl. B21D 43/05 (2006.01)**
[25] EN
[54] **TRANSFER ARRANGEMENT FOR A PRESS OR PRESS LINE WITH AN AXIAL DRIVE AND INTERCHANGEABLE BASE SUPPORT**
[54] **DISPOSITIF DE TRANSFERT POUR UNE PRESSE OU UN TRAIN DE PRESSES COMPRENANT UNE TRANSMISSION ET SUPPORT DE BASE ECHANGEABLE**
[72] GEBHARD, MARKUS, DE
[73] SCHULER PRESSEN GMBH, DE
[85] 2013-10-03
[86] 2012-04-05 (PCT/EP2012/056250)
[87] (WO2012/136750)
[30] DE (10 2011 001 924.3) 2011-04-08

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[13] C
[51] **Int.Cl. C07K 16/22 (2006.01)**
[25] EN
[54] **ANTIBODIES THAT BIND TGF-ALPHA AND EPIREGULIN**
[54] **ANTICORPS QUI SE LIENT AU TGF-ALPHA ET A L'EPIREGULINE**
[72] BEIDLER, CATHERINE BRAUTIGAM, US
[72] HEUER, JOSEF GEORGE, US
[72] PETROVAN, RAMONA JUDITA, US
[73] ELI LILLY AND COMPANY, US
[85] 2013-10-03
[86] 2012-03-28 (PCT/US2012/030802)
[87] (WO2012/138510)
[30] US (61/472,338) 2011-04-06

[11] **2,832,375**
[13] C
[51] **Int.Cl. C04B 28/34 (2006.01) C04B 35/101 (2006.01) C04B 35/103 (2006.01)**
[25] EN
[54] **THERMOINSULATIVE AND THERMOCONDUCTIVE CONCRETES BASED ON AN ALUMINOPHOSPHATE BINDER (VARIANTS)**
[54] **BETONS CONDUISANT ET ISOLANT LA CHALEUR UTILISANT UN LIANT A BASE DE PHOSPHATE D'ALUMINIUM (ET VARIANTES)**
[72] ALFERYEV, SERGEY DMITRIEVICH, RU
[72] POLYAKOV, VALERIY ANATOLIEVICH, RU
[73] ZAKRYTOYE AKTSIONERNOYE OBSCHESTVO "PIKKERAMA", RU
[85] 2013-10-03
[86] 2012-04-02 (PCT/RU2012/000237)
[87] (WO2012/138253)
[30] RU (2011113092) 2011-04-05

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[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/519 (2006.01) A61K 47/34 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **RISPERIDONE SUSTAINED RELEASE MICROSPHERE COMPOSITION**
[54] **COMPOSITION DE MICROSPHERES DE RISPERIDONE A LIBERATION PROLONGEE**
[72] SUN, KAOXIANG, CN
[72] LIANG, RONGCAI, CN
[72] WANG, QILIN, CN
[72] WANG, WENYAN, CN
[72] LIU, WANHUI, CN
[72] LI, YOUXIN, CN
[73] SHANDONG LUYE PHARMACEUTICAL CO., LTD., CN
[85] 2013-10-08
[86] 2012-04-10 (PCT/CN2012/000473)
[87] (WO2012/146052)
[30] CN (201110102840.5) 2011-04-25

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[13] C
[51] **Int.Cl. B64C 27/52 (2006.01) B64C 27/12 (2006.01) F16D 3/30 (2006.01)**
[25] EN
[54] **CONSTANT VELOCITY JOINT WITH CONTROL MECHANISM**
[54] **JOINT HOMOCINETIQUE AVEC MECANISME DE COMMANDE**
[72] SUTTON, DREW A., US
[72] FOSKEY, CHRISTOPHER, US
[72] SMITH, DUDLEY, US
[72] STAMPS, FRANK B., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2832784)
[87] (2832784)
[22] 2013-11-05
[30] US (13/673,475) 2012-11-09

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[13] C
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **INTEGRATED PROCESSES FOR RECOVERY OF HYDROCARBON FROM OIL SANDS**
[54] **PROCEDES INTEGRES POUR LA RECUPERATION DES HYDROCARBURES DANS LES SABLE BITUMINEUX**
[72] ADEYINKA, OLUSOLA B., CA
[72] SPEIRS, BRIAN C., CA
[72] PIERRE, FRITZ, JR., US
[72] RENNARD, DAVID C., US
[72] PACE, JUSTIN D., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2833353)
[87] (2833353)
[22] 2011-05-17
[62] 2,797,513
[30] CA (2,704,927) 2012-05-21

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[13] C
[51] **Int.Cl. F04B 53/16 (2006.01) F04B 53/10 (2006.01)**
[25] EN
[54] **RECIPROCATING PUMP WITH INTERSECTING BORE GEOMETRY**
[54] **POMPE ALTERNATIVE A GEOMETRIE D'ALESAGES EN CROIX**
[72] FREED, WESLEY D., US
[72] DILLE, MARK C., US
[72] SKURDALSVOLD, SCOTT, US
[73] S.P.M. FLOW CONTROL, INC., US
[85] 2013-10-17
[86] 2012-04-20 (PCT/US2012/034397)
[87] (WO2012/145591)
[30] US (61/477,471) 2011-04-20

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[13] C
[51] **Int.Cl. C01B 3/38 (2006.01) C01B 3/34 (2006.01) C10L 3/10 (2006.01) F22B 5/00 (2006.01)**
[25] EN
[54] **HYDROGEN PRODUCTION PROCESS WITH HIGH EXPORT STEAM**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE A VAPEUR D'EXPORTATION ELEVEE**
[72] PENG, XIANG-DONG, US
[72] ZAGNOLI, DAVID ANTHONY, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2833696)
[87] (2833696)
[22] 2013-11-18
[30] US (14/061,377) 2013-10-23

[11] *2,834,644
[13] C
[51] **Int.Cl. B66F 9/06 (2006.01) B62B 3/06 (2006.01) B62D 51/02 (2006.01)**
[25] EN
[54] **PIVOT POWER PACK (P.P.P) IN CONJUNCTION WITH BALANCING STABILITY FRAME (B.S.F.), TO ATTACH TO AN ELECTRIC SCOOTER**
[54] **DISPOSITIF D'ALIMENTATION A PIVOT ASSOCIE A UN CADRE DE STABILITE D'EQUILIBRE A FIXER A UN SCOOTER ELECTRIQUE**
[72] MICALLEF, EMANUEL J., CA
[73] MICALLEF, EMANUEL J., CA
[86] (2834644)
[87] (2834644)
[22] 2013-11-27

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[13] C
[51] **Int.Cl. F25C 1/22 (2006.01) F25C 5/02 (2006.01) F25C 5/18 (2006.01) F25D 11/00 (2006.01)**
[25] EN
[54] **ICE MAKING APPARATUS AND REFRIGERATOR HAVING THE SAME**
[54] **APPAREIL DE FABRICATION DE GLACE ET REFRIGERATEUR LE COMPRENANT**
[72] JEONG, JIN, KR
[72] KIM, DO HYUNG, KR
[72] PARK, SANG HYUN, KR
[72] YOON, YONG SUNG, KR
[72] KHAN, QASIM, KR
[72] JOO, SEUNG AH, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-11-01
[86] 2012-04-30 (PCT/KR2012/003334)
[87] (WO2012/150785)
[30] KR (10-2011-0042164) 2011-05-03

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[13] C
[51] **Int.Cl. A61L 15/38 (2006.01) A61L 15/32 (2006.01) A61L 15/42 (2006.01)**
[25] EN
[54] **GELATIN-TRANSGLUTAMINASE HEMOSTATIC DRESSINGS AND SEALANTS**
[54] **PRODUITS D'ETANCHEITE ET PANSEMENTS HEMOSTATIQUES A BASE DE GELATINE ET DE TRANSGLUTAMINASE**
[72] PREISS-BLOOM, ORAHN, IL
[72] ATTAR, ISHAY, IL
[72] IRAM, NATALIE, IL
[73] LIFEBOND LTD., IL
[86] (2836067)
[87] (2836067)
[22] 2007-12-17
[62] 2,672,651
[30] US (60/875,150) 2006-12-15
[30] US (61/000,887) 2007-10-30

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[11] 2,836,108
[13] C
[51] **Int.Cl. A01J 25/00 (2006.01) A01J 25/12 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING AND COOLING AN INITIALLY HOT AND THEREFORE FLOWABLE MELTED CHEESE**
[54] **PROCEDE POUR FACONNER ET FAIRE REFROIDIR UNE MASSE DE FROMAGE FONDUE PREALABLEMENT CHAUDE ET PAR CONSEQUENT COULANTE**
[72] ZEUSCHNER, ROLAND, DE
[72] HARTMANN, WALTER, DE
[72] STADELMANN, FRANZ, DE
[73] HOCHLAND SE, DE
[85] 2013-11-14
[86] 2012-05-24 (PCT/EP2012/059701)
[87] (WO2012/163795)
[30] DE (102011103826.8) 2011-06-01

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[13] C
[51] **Int.Cl. C23C 28/00 (2006.01) C21D 1/18 (2006.01) C22C 18/00 (2006.01) C22C 38/00 (2006.01) C22C 38/60 (2006.01) C25D 5/26 (2006.01)**
[25] EN
[54] **STEEL SHEET FOR HOT PRESSING AND PROCESS FOR MANUFACTURING HOT PRESSED MEMBER USING THE STEEL SHEET**
[54] **TOLE D'ACIER POUR PRESSAGE A CHAUD ET PROCEDE POUR PRODUIRE UN COMPOSANT PRESSE A CHAUD UTILISANT CELLE-CI**
[72] MIYOSHI, TATSUYA, JP
[72] NAKAJIMA, SEIJI, JP
[72] NAKAMARU, HIROKI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-11-13
[86] 2012-05-23 (PCT/JP2012/063824)
[87] (WO2012/169389)
[30] JP (2011-126863) 2011-06-07
[30] JP (2011-126941) 2011-06-07

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[13] C
[51] **Int.Cl. B25J 9/02 (2006.01) B25J 9/08 (2006.01)**
[25] EN
[54] **LOCATING BEAM AND ROBOT LINEAR MOTION UNIT HAVING THE SAME**
[54] **POUTRE DE REPERAGE ET UNITE DE DEPLACEMENT LINEAIRE ROBOTISEE ASSOCIEE**
[72] SHAN, ZHONGDE, CN
[72] LIU, FENG, CN
[72] CHEN, SHAOKAI, CN
[72] LIU, LIMIN, CN
[73] ADVANCED MANUFACTURE TECHNOLOGY CENTER, CHINA ACADEMY OF MACHINERY SCIENCE & TECHNOLOGY, CN
[85] 2013-11-18
[86] 2011-05-18 (PCT/CN2011/074278)
[87] (WO2012/155349)
[30] CN (201110126387.1) 2011-05-16

[11] **2,836,909**
[13] C
[51] **Int.Cl. C09D 167/00 (2006.01) C09D 133/00 (2006.01) C09D 167/06 (2006.01)**
[25] EN
[54] **PHOSPHATIZED POLYESTERS AND COATING COMPOSITIONS CONTAINING THE SAME**
[54] **POLYESTERS PHOSPHATES ET COMPOSITIONS DE REVETEMENT LES CONTENANT**
[72] MOUSSA, YOUSSEF, US
[72] KNOTTS, CLAUDIA, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2013-11-20
[86] 2012-05-22 (PCT/US2012/038965)
[87] (WO2012/162301)
[30] US (13/113,130) 2011-05-23

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[13] C
[51] **Int.Cl. H04B 17/336 (2015.01) G01S 3/14 (2006.01) H04B 7/08 (2006.01) H04W 24/00 (2009.01)**
[25] EN
[54] **MULTI-ELEMENT MAGNETIC RECEIVER FOR INTERFERENCE SUPPRESSION AND SIGNAL ENHANCEMENT**
[54] **RECEPTEUR MAGNETIQUE A ELEMENTS MULTIPLES POUR LA SUPPRESSION DES INTERFERENCES ET L'AMELIORATION DU SIGNAL**
[72] PARKS, THOMAS M., US
[72] WASIEWICZ, RICHARD, US
[72] LEVAN, DAVID, US
[73] LOCKHEED MARTIN CORPORATION, US
[85] 2013-11-27
[86] 2012-06-14 (PCT/US2012/042497)
[87] (WO2012/177489)
[30] US (13/164,375) 2011-06-20

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[11] **2,838,010**
[13] C
[51] **Int.Cl. D21F 5/02 (2006.01) D21F 5/18 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A YANKEE CYLINDER**
[54] **PROCEDE DE PRODUCTION D'UN CYLINDRE FRICTIONNEUR**
[72] KRASSER, JOSEF, AT
[72] MAIER, MARKUS, AT
[72] KAHSIOVSKY, LUDWIG, AT
[72] SCHMIDHOFER, RUPERT, AT
[73] ANDRITZ AG, AT
[85] 2013-09-12
[86] 2012-03-19 (PCT/EP2012/001199)
[87] (WO2012/126602)
[30] AT (A 396/2011) 2011-03-21
[30] EP (11007162.8) 2011-09-05

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[11] **2,838,137**
[13] C
[51] **Int.Cl. C07C 69/84 (2006.01)**
[25] EN
[54] **PHENYL-2-HYDROXY-4,5-DIMETHOXY-BENZOATE AND DERIVATIVES**
[54] **PHENYL-2-HYDROXY-4,5-DIMETHOXY-BENZOATE ET DERIVES**
[72] NAGASAWA, MASAAKI, JP
[72] ASAMI, KAZUYASU, JP
[72] NAKAO, RYU, JP
[72] TANAKA, NOBUYUKI, JP
[72] AIDA, YOSHIYUKI, JP
[73] ZERIA PHARMACEUTICAL CO., LTD., JP
[86] (2838137)
[87] (2838137)
[22] 2005-08-23
[62] 2,576,469
[30] JP (2004-242759) 2004-08-23

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[13] C
[51] **Int.Cl. C10M 141/12 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **EXTENDED SERVICE EXTREME PRESSURE GREASE COMPOSITION**
[54] **COMPOSITION DE GRAISSE POUR PRESSION EXTREME A SERVICE ETENDU**
[72] BERET, SAMIL, US
[72] FAGAN, GIAN LAWRENCE, US
[73] CHEVRON U.S.A. INC., US
[85] 2013-12-03
[86] 2012-03-09 (PCT/US2012/028466)
[87] (WO2012/177300)
[30] US (13/168,098) 2011-06-24

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[13] C
[51] **Int.Cl. A01N 59/08 (2006.01) A01N 25/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **CALCIUM HYPOCHLORITE COMPOSITION**
[54] **COMPOSITION D'HYPOCHLORURE DE CALCIUM**
[72] YAMASHITA, TOSHIYUKI, JP
[72] KAMATSUCHI, YOSHINORI, JP
[73] NIPPON SODA CO., LTD., JP
[85] 2013-12-04
[86] 2012-06-21 (PCT/JP2012/065922)
[87] (WO2013/002128)
[30] JP (2011-143477) 2011-06-28

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[13] C
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **INHALER AND SIEVE FOR AN INHALER**
[54] **INHALATEUR ET FILTRE POUR UN INHALATEUR**
[72] HAERDER, LUKAS, DE
[72] BREUER, CLAUS, DE
[73] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[86] (2838366)
[87] (2838366)
[22] 2009-03-11
[62] 2,717,275
[30] DE (10 2008 014 025.2) 2008-03-13

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[13] C
[51] **Int.Cl. H01M 8/04029 (2016.01) H01M 8/04701 (2016.01) H01M 8/04746 (2016.01)**
[25] EN
[54] **WET STATE CONTROL DEVICE FOR FUEL CELL**
[54] **DISPOSITIF DE COMMANDE D'ETAT HUMIDE POUR PILE A COMBUSTIBLE**
[72] AOKI, TETSUYA, JP
[72] MATSUMOTO, MICHIHIKO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2013-12-06
[86] 2012-04-19 (PCT/JP2012/060572)
[87] (WO2012/169287)
[30] JP (2011-126109) 2011-06-06
[30] JP (2011-165322) 2011-07-28

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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **MULTI - RADIO IN - DEVICE COEXISTENCE**
[54] **COEXISTENCE DE TECHNOLOGIES RADIO MULTIPLES AU SEIN D'UN DISPOSITIF**
[72] WANG, JIBING, US
[72] LINSKY, JOEL BENJAMIN, US
[72] TSOU, ERIC Y., US
[73] QUALCOMM INCORPORATED, US
[85] 2013-12-12
[86] 2012-06-19 (PCT/US2012/043139)
[87] (WO2012/177634)
[30] US (61/500,282) 2011-06-23
[30] US (13/525,933) 2012-06-18

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[11] **2,839,493**
[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] KARLSSON, ANDERS, SE
[72] OLSON, STEPHAN, SE
[73] SHL GROUP AB, SE
[85] 2013-12-16
[86] 2012-06-07 (PCT/SE2012/050614)
[87] (WO2012/173553)
[30] SE (1150553-4) 2011-06-17
[30] US (61/498,541) 2011-06-18

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[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] KARLSSON, ANDERS, SE
[72] OLSON, STEPHAN, SE
[73] SHL GROUP AB, SE
[85] 2013-12-16
[86] 2012-06-07 (PCT/SE2012/050615)
[87] (WO2012/173554)
[30] SE (1150554-2) 2011-06-17
[30] US (61/498,542) 2011-06-18

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[13] C
[51] **Int.Cl. E04H 7/02 (2006.01) B65D 90/00 (2006.01) F17C 3/00 (2006.01) F17C 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR CONSTRUCTING LOW-TEMPERATURE TANK AND LOW-TEMPERATURE TANK**
[54] **RESERVOIR A BASSE TEMPERATURE, ET PROCEDE DE CONSTRUCTION DE CELUI-CI**
[72] HATA, MORIKI, JP
[72] YAMADA, JUICHIRO, JP
[72] FURIKOMA, MICHITAKA, JP
[72] SUGITANI, MASAHIKO, JP
[73] IHI CORPORATION, JP
[85] 2013-12-19
[86] 2012-06-21 (PCT/JP2012/065914)
[87] (WO2013/002125)
[30] JP (2011-142092) 2011-06-27

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[13] C
[51] **Int.Cl. C08G 18/10 (2006.01) C08G 18/32 (2006.01) C08G 18/38 (2006.01) C08G 18/71 (2006.01) C09D 175/02 (2006.01)**
[25] EN
[54] **POLYUREA COATINGS CONTAINING SILANE**
[54] **REVETEMENTS A BASE DE POLYUREE CONTENANT DU SILANE**
[72] SHETH, KAMLESH J., US
[72] MCCARTHY, JAMES E., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2013-12-23
[86] 2012-06-29 (PCT/US2012/044971)
[87] (WO2013/006448)
[30] US (61/503,779) 2011-07-01
[30] US (13/537,190) 2012-06-29

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[25] EN
[54] **HIGH-STRENGTH STEEL SHEET FOR WARM PRESS FORMING AND METHOD FOR MANUFACTURING THEREOF**
[54] **FEUILLE D'ACIER A HAUTE RESISTANCE POUR LE FORMAGE A CHAUD ET SON PROCEDE DE FABRICATION**
[72] KOSAKA, NORIAKI, JP
[72] FUNAKAWA, YOSHIMASA, JP
[72] SHIGEMI, MASATO, JP
[72] OKUBO, HIDEKAZU, JP
[73] JFE STEEL CORPORATION, JP
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[54] **AEROSOL INHALATOR**
[54] **ASPIRATEUR AEROSOL**
[72] YAMADA, MANABU, JP
[72] SASAKI, HIROSHI, JP
[73] JAPAN TOBACCO INC., JP
[85] 2013-12-31
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[25] EN
[54] **ALKALI METAL GLYPHOSATE COMPOSITIONS**
[54] **COMPOSITIONS DE GLYPHOSATE DE METAL ALCALIN**
[72] MALEC, ANDREW D., US
[73] STEPAN COMPANY, US
[85] 2014-01-03
[86] 2012-07-09 (PCT/US2012/045972)
[87] (WO2013/006860)
[30] US (13/179,775) 2011-07-11

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[25] EN
[54] **HYDRAULIC BI-DIRECTIONAL ROTARY ISOLATION VALVE**
[54] **VANNE D'ISOLEMENT ROTATIVE BIDIRECTIONNELLE HYDRAULIQUE**
[72] LLOYD, SAM SUN, US
[72] REAVES, MICHAEL R., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **ENHANCEMENT OF IN-DEVICE COEXISTENCE INTERFERENCE AVOIDANCE**
[54] **EVITEMENT RENFORCE DE BROUILLAGE DE COEXISTENCE INTRA-DISPOSITIF**
[72] KOO, CHANGHOI, US
[72] LI, JUN, US
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2014-01-27
[86] 2011-07-29 (PCT/US2011/045910)
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[25] EN
[54] **DEVICE FOR PRODUCING COATED STEEL SHEET AND METHOD FOR PRODUCING COATED STEEL SHEET**
[54] **DISPOSITIF DE PRODUCTION DE TOLE D'ACIER REVETUE ET PROCEDE DE PRODUCTION DE TOLE D'ACIER REVETUE**
[72] SOYA, KATSUHIDE, JP
[72] NAGATOMI, MASAYOSHI, JP
[72] SHIBAO, FUMIO, JP
[72] FURUKAWA, HIROYASU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-02-11
[86] 2012-03-14 (PCT/JP2012/056560)
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[54] **AQUEOUS SUSPENSIONS OF CALCIUM CARBONATE-COMPRISING MATERIALS WITH LOW DEPOSIT BUILT UP**
[54] **SUSPENSIONS AQUEUSES DE SUBSTANCES COMPRENANT DU CARBONATE DE CALCIUM PRESENTANT UNE FAIBLE ACCUMULATION DE DEPOTS**
[72] GANE, PATRICK A. C., CH
[72] RENTSCH, SAMUEL, CH
[72] BURI, MATTHIAS, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-02-20
[86] 2012-11-06 (PCT/EP2012/071905)
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[25] EN
[54] **METHODS FOR TREATING CARDIOVASCULAR DISORDERS**
[54] **PROCEDES DE TRAITEMENT DE TROUBLES CARDIOVASCULAIRES**
[72] KODGULE, MANDAR MADHUKAR, IN
[72] NAKHAT, PREMCHAND DALICHANDJI, IN
[72] GUPTA, AMIT, IN
[72] JAIN, GIRISH KUMAR, IN
[73] WOCKHARDT LIMITED, IN
[85] 2014-02-24
[86] 2012-08-23 (PCT/IB2012/054257)
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[54] **RING DISK RECIPROCATING POWER CONVERSION DEVICE**
[54] **DISPOSITIF DE CONVERSION D'ENERGIE A MOUVEMENT ALTERNATIF DE DISQUE**
[72] LIU, WEN-CHING, TW
[73] LIU, WEN-CHING, TW
[85] 2014-02-26
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[25] EN
[54] **WING FLAPPING MECHANISM AND METHOD**
[54] **MECANISME A AILES BATTANTES ET PROCEDE**
[72] MATTE, FRANCOIS, CA
[73] MATTE, FRANCOIS, CA
[86] (2846886)
[87] (2846886)
[22] 2014-03-17
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[25] FR
[54] **SYNTHESIS PROCESS FOR DERIVATIVES OF 7,8-DIMETHOXY-1,3-DIHYDRO-2H-3-BENZAZEPIN-2-ONE AND APPLICATION TO THE SYNTHESIS OF IVABRADINE**
[54] **PROCEDE DE SYNTHESE DE DERIVES DE LA 7,8-DIMETHOXY-1,3-DIHYDRO-2H-3-BENZAZEPIN-2-ONE ET APPLICATION A LA SYNTHESE DE L'IVABRADINE**
[72] LE FLOHIC, ALEXANDRE, FR
[73] LES LABORATOIRES SERVIER, FR
[86] (2846917)
[87] (2846917)
[22] 2014-03-19
[30] FR (13/52741) 2013-03-26

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[25] EN
[54] **WELL TRACTOR WITH ACTIVE TRACTION CONTROL**
[54] **TRACTEUR DE PUITS DE FORAGE A COMMANDE DE TRACTION ACTIVE**
[72] AL-DOSSARY, KHALID ABDULLAH, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-03-04
[86] 2012-09-17 (PCT/US2012/055754)
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[25] EN
[54] **WRITING APPLICATION DATA TO A SECURE ELEMENT**
[54] **ECRITURE DE DONNEES D'APPLICATION DANS UN ELEMENT SECURISE**
[72] VON BEHREN, ROB, US
[72] PAYA, ISMAIL CEM, US
[72] MUEHLBERG, ALEXEJ, US
[72] MEYN, HAUKE, US
[72] WALL, JONATHAN, US
[73] GOOGLE INC., US
[86] (2847942)
[87] (2847942)
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[54] **SOLID FUEL BURNER**
[54] **BRULEUR A COMBUSTIBLE SOLIDE**
[72] D'AGOSTINI, MARK DANIEL, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2848718)
[87] (2848718)
[22] 2014-04-10
[30] US (61/924,272) 2014-01-07
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[25] EN
[54] **FLEXIBLE POLYAMINES, FLEXIBLE AMINE-TERMINATED ADDUCTS, COMPOSITIONS THEREOF AND METHODS OF USE**
[54] **POLYAMINES FLEXIBLES, PRODUITS D'ADDITION TERMINES PAR AMINE FLEXIBLES, COMPOSITIONS DE CEUX-CI ET PROCEDES D'UTILISATION**
[72] HOBBS, STEPHEN J., US
[72] ITO, MARFI, US
[72] CAI, JUEXIAO, US
[72] RAO, CHANDRA B., US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2014-03-20
[86] 2012-09-20 (PCT/US2012/056278)
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[30] US (13/238,515) 2011-09-21

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[51] **Int.Cl. F02B 67/06 (2006.01) B60K 6/10 (2006.01) B60K 25/00 (2006.01)**
[25] EN
[54] **FLYWHEEL HYBRID SYSTEM**
[54] **SYSTEME HYBRIDE A VOLANT D'INERTIE**
[72] SERKH, ALEXANDER, US
[72] ALI, IMTIAZ, US
[73] GATES CORPORATION, US
[85] 2014-03-25
[86] 2012-08-28 (PCT/US2012/052696)
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[51] **Int.Cl. F02M 55/02 (2006.01) F02M 61/16 (2006.01) F02M 63/00 (2006.01)**
[25] EN
[54] **COMMON RAIL FUEL INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION DE CARBURANT A RAMPE COMMUNE**
[72] SUZUKI, SHUJI, JP
[72] HAYASHI, KOICHI, JP
[72] ISHII, MORI, JP
[72] SHIMOKAWA, KIYOHIRO, JP
[72] NAKAJIMA, HIROSHI, JP
[73] USUI KOKUSAI SANGYO KAISHA, LTD., JP
[73] HINO MOTORS, LTD., JP
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[25] EN
[54] **CO2 RECOVERY SYSTEM AND RECOVERY METHOD FOR MOISTURE CONTAINING CO2 GAS**
[54] **SYSTEME DE RECUPERATION DE CO2 ET METHODE DE RECUPERATION POUR DU CO2 GAZEUX CONTENANT DE L'EAU**
[72] IIJIMA, MASAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[86] (2851448)
[87] (2851448)
[22] 2012-03-13
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[25] EN
[54] **INTRAORAL DENTAL SUCTION AND ISOLATION SYSTEM**
[54] **SYSTEME DENTAIRE D'ASPIRATION ET D'ISOLATION INTRA-ORAL**
[72] NGUYEN, THIEN, US
[72] PHAM, TAM THANH, US
[73] INCEPT, INC., US
[86] (2851861)
[87] (2851861)
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[30] US (14/100,323) 2013-12-09
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[54] **VEHICLE STEERING SYSTEM TRANSMISSION**
[54] **TRANSMISSION DE SYSTEME DE DIRECTION DE VEHICULE**
[72] SCHNEIDER, DEAN, US
[72] SERKH, ALEXANDER, US
[72] LOVIN, THOMAS M., US
[73] GATES CORPORATION, US
[85] 2014-05-08
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[25] FR
[54] **MODULAR POWERPLANT AND AIRCRAFT EQUIPPED WITH A LIFTING ROTOR**
[54] **INSTALLATION MOTRICE MODULAIRE ET AERONEF MUNI D'UN ROTOR DE SUSTENTATION**
[72] HONNORAT, OLIVIER, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2855244)
[87] (2855244)
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[51] **Int.Cl. C01B 33/035 (2006.01)**
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[54] **POLYCRYSTALLINE SILICON ROD AND METHOD FOR PRODUCING POLYSILICON**
[54] **BARREAU DE SILICIUM POLYCRISTALLIN ET PROCEDE DE PRODUCTION DE POLYSILICIUM**
[72] SOFIN, MIKHAIL, DE
[72] DORNBERGER, ERICH, DE
[72] PECH, REINER, DE
[73] WACKER CHEMIE AG, DE
[85] 2014-05-28
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[25] EN
[54] **FUNGICIDAL MIXTURES BASED ON PROTHIOCONAZOLE AND DIMOXYSTROBIN**
[54] **MELANGES FONGICIDES A BASE DE PROTHIOCONAZOL ET DE DIMOXYSTROBINE**
[72] AMMERMANN, EBERHARD, DE
[72] STIERL, REINHARD, DE
[72] LORENZ, GISELA, DE
[72] SCHELBERGER, KLAUS, DE
[72] SPADAFORA, V. JAMES, DE
[72] CHRISTEN, THOMAS, DE
[72] STRATHMANN, SIEGFRIED, DE
[73] BASF SE, DE
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[87] (2858118)
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[51] **Int.Cl. F16L 1/26 (2006.01) F16L 41/00 (2006.01) F16L 55/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO CONTAIN PIPELINE LEAKS FROM A LONGITUDINAL PORTION OF A PIPELINE**
[54] **APPAREIL ET PROCEDE DESTINES A CONTENIR DES FUITES DE CANALISATION A PARTIR D'UNE PARTIE LONGITUDINALE D'UNE CANALISATION**
[72] AL-BURAIK, KHALED A., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-07-25
[86] 2013-02-20 (PCT/US2013/026855)
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[25] EN
[54] **SYNERGISTIC FUNGICIDAL ACTIVE COMBINATIONS COMPRISING A CARBOXAMIDE AND AN ANILINOPYRIMIDINE**
[54] **COMBINAISONS D'AGENTS ACTIFS SYNERGIQUES FONGICIDES COMPRENANT UN CARBOXAMIDE ET UN ANILINOPYRIMIDINE**
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] DAHMEN, PETER, DE
[72] DUNKEL, RALF, FR
[72] ELBE, HANS-LUDWIG, DE
[72] RIECK, HEIKO, FR
[72] SUTY-HEINZE, ANNE, DE
[73] BAYER CROPSCIENCE AG, DE
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[54] **VAPORIZATION DEVICE AND METHOD OF PREPARATION AND USE**
[54] **DISPOSITIF DE VAPORISATION ET PROCEDE DE PREPARATION ET D'UTILISATION**
[72] FARROW, DARRIN B., US
[73] FARROW, DARRIN B., US
[86] (2866283)
[87] (2866283)
[22] 2014-09-30
[30] US (61/884,495) 2013-09-30
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[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **MULTI-STAGE LINER WITH CLUSTER VALVES AND METHOD OF USE**
[54] **CUVELAGE EN PLUSIEURS ETAPES AVEC VANNES EN GRAPPE ET PROCEDE D'UTILISATION**
[72] JANI, WILLIAM, CA
[73] SC ASSET CORPORATION, CA
[86] (2867207)
[87] (2867207)
[22] 2014-10-03
[30] US (14/505,384) 2014-10-02

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[51] **Int.Cl. A61K 47/48 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **TREATMENT FOR COMORBID DIABETES WITH CHRONIC KIDNEY DISEASE**
[54] **TRAITEMENT POUR LE DIABETE COMORBIDE AVEC UNE MALADIE RENALE CHRONIQUE**
[72] BEALS, JOHN MICHAEL, US
[72] PRINCE, MELVIN JAY, US
[72] SINHA, VIKRAM P., US
[73] ELI LILLY AND COMPANY, US
[85] 2014-09-30
[86] 2013-05-02 (PCT/US2013/039166)
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[30] US (61/644,657) 2012-05-09
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[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] EVANS, TIMOTHY SIMON, GB
[73] OWEN MUMFORD LIMITED, GB
[86] (2871448)
[87] (2871448)
[22] 2007-05-10
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[51] **Int.Cl. B01D 21/01 (2006.01)**
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[54] **PROCESS FOR SEPARATING SOLIDS FROM BIOMASS**
[54] **PROCEDE DE SEPARATION DES SOLIDES DE LA BIOMASSE**
[72] GALLOP, CHARLES C., US
[72] JAVERS, JEREMY EDWARD, US
[72] GERKEN, CHRISOPHER RILEY WILLIAM, US
[72] VANDERGRIEND, SAMUEL, US
[73] ICM, INC., US
[86] (2875804)
[87] (2875804)
[22] 2014-12-30
[30] US (61/922,201) 2013-12-31

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[51] **Int.Cl. C22B 3/04 (2006.01) C09K 11/01 (2006.01) C22B 59/00 (2006.01) H01J 9/52 (2006.01)**
[25] EN
[54] **PROCESS FOR RECOVERING RARE EARTH OXIDES FROM PHOSPHORS, FLUORESCENT LAMPS AND LIGHT BULBS, CATHODE RAY TUBES AND OTHER INDUSTRIAL WASTES**
[54] **PROCEDE POUR RECUPERER DES OXYDES DE TERRE RARE A PARTIR DE LUMINOPHORES, DE LAMPES FLUORESCENTES ET D'AMPOULES ELECTRIQUES, DE TUBES CATHODIQUES ET D'AUTRES DECHETS INDUSTRIELS**
[72] CARDARELLI, FRANCOIS, CA
[73] ELECTROCHEM TECHNOLOGIES & MATERIALS INC., CA
[85] 2015-01-06
[86] 2013-11-08 (PCT/CA2013/000954)
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[30] US (61/724,022) 2012-11-08

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[51] **Int.Cl. H04B 10/548 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STABILIZATION OF OPTICAL TRANSMITTER**
[54] **PROCEDE ET APPAREIL POUR LA STABILISATION D'UN EMETTEUR OPTIQUE**
[72] BHANDARE, SUHAS P., US
[72] EREIFEJ, HEIDER N., US
[72] KIM, KYU, US
[72] COLYAR, MARK, US
[73] FINISAR CORPORATION, US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050895)
[87] (WO2014/015043)
[30] US (13/553,936) 2012-07-20

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[51] **Int.Cl. C07C 311/41 (2006.01) A01N 35/04 (2006.01) A01N 41/06 (2006.01) A01P 1/00 (2006.01) C07C 303/40 (2006.01) C09D 5/14 (2006.01)**
[25] EN
[54] **UV CURED BENZOPHENONE TERMINATED QUATERNARY AMMONIUM ANTIMICROBIALS FOR SURFACES**
[54] **REVETEMENTS ANTIMICROBIENS A BASE D'AMMONIUM QUATERNAIRE A TERMINAISON BENZOPHENONE DURCIS PAR UV POUR SURFACES**
[72] FOUCHER, DANIEL, CA
[72] MOCELLA, AMANDA, CA
[72] POROSA, LUKASZ, CA
[72] WOLFAARDT, GIDEON, CA
[73] NANO SAFE COATINGS INCORPORATED, US
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[54] **DISPOSITIF AVEC SUPPORTS REUTILISABLES POUR L'EMBALLAGE D'ARTICLES PLATS ET METHODE CORRESPONDANTE**
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[72] ABRAMOV, VLADIMIR, CA
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[72] WHITE, BRENT, CA
[72] CUNNINGHAM, LEE, CA
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[54] **FORMULATIONS DE DOSAGE ET METHODES DESTINEES AU DIAGNOSTIC DE DYSFONCTION DU SYSTEME NERVEUX SYMPATHIQUE**
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[54] **PRODUITS DE TRAITEMENT CAPILLAIRE ET METHODES DESTINEES A RENDRE LES CHEVEUX DROITS**
[72] KUNIN, DAVID BEN, US
[72] BROCATO, SAMUEL, US
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[54] **ENCRES A PHAGE ACTIF, METHODES D'IMPRESSION SUR DES MATERIAUX ET SUBSTANCE BIOACTIVE A PHAGE**
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[72] ANANY, HANY, US
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[54] **UN AERONEF DOTE D'UNE STRUCTURE FONCTIONNELLE COMPORTANT AU MOINS UN CADRE CREUX**
[72] MORES, SEBASTIAN, DE
[72] BARNERSSOI, JOHANN, DE
[72] PROBST, STEFAN, DE
[72] SCHNEEBERGER, MARCO, DE
[72] JUTT, HARTMUT, DE
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[54] **DISPOSITIF DE JOINTAGE ET DISPOSITIF DE CABLAGE ASSOCIE**
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[71] EATON CORPORATION, US
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[54] **METHODE D'ALIMENTATION DE CARBURANT DE COLLECTEUR DE CARBURANT INTERNE**
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[54] **METHODES ET SYSTEMES D'ATTENUATION D'UNE ARRIVEE DE COMPRESSEUR D'AIR DE CABINE**
[72] LANDMANN, ALAN E., US
[72] NEGLEY, MARK A., US
[72] IQBAL, JAFFAR S., US
[72] VOSS, BRET A., US
[72] GMEREK, MARK M., US
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[72] LOBASTOV, KONSTANTIN Z., US
[72] PAMBUCOL, VIAD, US
[72] ROGERS, PETER RICHARD, US
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[54] **ENSEMBLE DE CADRE DE PLAQUE D'IMMATRICULATION SURMOULE ET PARECHOC**
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[72] MACNEIL, DAVID F., US
[71] MACNEIL IP LLC, US
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[72] MALONEY, JEROME A., US
[71] EMERSON NETWORK POWER, ENERGY SYSTEMS, NORTH AMERICA, INC., US
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[72] THOMAS, WILLIAM J., US
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[72] LEE, KYUNGMIN ANDY, US
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[54] **RAIL ILLUMINE POUR FAUX MUR DOTE D'UN CANEVAS ETIRE ET FAUX MUR COMPORTANT UN TEL RAIL**
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[71] NORMALU, FR
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[54] **PROTECTION THERMIQUE EN TRICOT MULTIFIBRE DESTINEE A DES APPLICATIONS INDUSTRIELLES ET AUTOMOBILES**
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[72] THOMPSON, STEPHEN NATHANIEL, US
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[54] **PROCEDES D'ELABORATION DE TOPOLOGIES DE RESEAU SANS FIL DANS UN AERONEF**
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[72] LYNCH, MICHAEL A., US
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[54] **SURVEILLANCE ACTIVE D'HUILE LUBRIFIANTE EPAISSE**
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[72] SANCHEZ, JOSE ABELARDO, US
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[54] **COMPOSITION DE DETERGENT A LAVE-VAISSELLE AUTOMATIQUE MONOPHASE**
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[72] MUENTENER, LISA, US
[72] CONLEY, BRUCE, US
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[72] HAFFRAY, BERTRAND, FR
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[54] **PROCEDE ET DISPOSITIF DE DETECTION DE GIVRAGE D'UNE ENTREE D'AIR D'UN TURBOMOTEUR**
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[72] CAMHI, EMMANUEL, FR
[71] AIRBUS HELICOPTERS, FR
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[54] **STRUCTURE DEPLOYABLE DE RESSORT DE RUBAN**
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[72] VEZAIN, STEPHANE, FR
[72] GUINOT, FRANCOIS, FR
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[54] **RESSORT DE RUBAN RETRACTABLE INTEGRE POUR STRUCTURE DEPLOYABLE ET STRUCTURE DEPLOYABLE DE RESSORT DE RUBAN**
[72] BAUDASSE, YANNICK, FR
[72] VEZAIN, STEPHANE, FR
[72] STANEK, DIDIER, FR
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[54] **TURBINE A EAU**
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[72] KRAGL, MARKUS, AT
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[72] OBERBICHLER, ERWIN, AT
[72] WEISSENBERGER, SIMON, AT
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[54] **LIGHT-EMITTING COMPOSITE ARRANGEMENT AND METHOD FOR MANUFACTURING THE LIGHT-EMITTING COMPOSITE ARRANGEMENT**
[54] **MODULE COMPOSITE A EMISSION LUMINEUSE ET PROCEDE DE FABRICATION DU MODULE COMPOSITE A EMISSION LUMINEUSE**
[72] STAUDIGEL, NORBERT, DE
[72] STEFFEN, ECKHARD, DE
[72] GRAF, OLEG, DE
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[54] **FILAMENT POUR SOURCE D'IONISATION ELECTRONIQUE DESTINEE A LA SPECTROMETRIE DE MASSE**
[72] SPLENDORE, MAURIZIO, US
[72] MUNTEAN, FELICIAN, US
[72] MOELLER, ROY P., US
[71] BRUKER DALTONICS, INC., US
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[54] **DISPOSITIF ET METHODE DESTINES A LA MESURE DES VIBRATIONS D'UN ROTOR**
[72] WEHBE SPIRIDON, MICHEL, CH
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
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[54] **RACCORDS DE BAGUE**
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[51] **Int.Cl. F02K 1/36 (2006.01) F02K 1/38 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE EXHAUST EJECTOR/MIXER**
[54] **EJECTEUR/MELANGEUR D'ECHAPPEMENT DE TURBINE A GAZ**
[72] DI PAOLA, FRANCO, CA
[72] LEFEBVRE, GUY, CA
[72] L'ESPERANCE, PATRICK, CA
[72] EMARD-PARENT, GABRIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-07-13
[41] 2016-01-30
[30] US (14/446,756) 2014-07-30

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[13] A1
[51] **Int.Cl. F02K 1/36 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE EJECTOR**
[54] **EJECTEUR DE TURBINE A GAZ**
[72] YAN, GUORONG, CA
[72] CUNNINGHAM, MARK, CA
[72] DI PAOLA, FRANCO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-07-14
[41] 2016-01-30
[30] US (14/446,756) 2014-07-30
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[51] **Int.Cl. B60R 9/10 (2006.01) B62J 99/00 (2009.01)**
[25] EN
[54] **ADJUSTABLE ANCHOR ON A LOAD CARRIER FOR A BICYCLE THROUGH-AXLE**
[54] **ANCRAGE REGLABLE SUR UN PORTEUR DE CHARGEMENT POUR UN SUPPORT D'ESSIEU DE BICYCLETTE**
[72] DETWEILER, JAMES PAUL, US
[72] SETTELMAYER, JOSEPH JOHN, US
[71] THULE SWEDEN AB, SE
[22] 2015-07-16
[41] 2016-01-25
[30] US (62/029,298) 2014-07-25
[30] US (62/033,619) 2014-08-05

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[13] A1
[51] **Int.Cl. F16H 23/00 (2006.01) F03C 1/00 (2006.01) F04B 1/20 (2006.01) F04B 1/32 (2006.01)**
[25] EN
[54] **APPARATUS INCLUDING SWASHPLATES FIXED ON SHAFT ASSEMBLY AND PISTON ASSEMBLIES**
[54] **APPAREIL COMPRENANT DES PLATEAUX OSCILLANTS FIXES SUR UN DISPOSITIF D'ARBRE ET DES DISPOSITIFS DE PISTON**
[72] ZAFAR, IQBAL, CA
[71] ZAFAR, IQBAL, CA
[22] 2015-07-16
[41] 2016-01-25
[30] US (62/029,293) 2014-07-25

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[13] A1
[51] **Int.Cl. B25J 5/00 (2006.01) B62D 55/04 (2006.01)**
[25] EN
[54] **DUAL MODE MOBILE ROBOT**
[54] **ROBOT MOBILE BIMODE**
[72] LI, YI, CA
[72] GOLDENBERG, ANDREW A., CA
[71] ENGINEERING SERVICES INC., CA
[71] LI, YI, CA
[22] 2015-07-17
[41] 2016-01-30
[30] US (14/447,236) 2014-07-30

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[51] **Int.Cl. A61B 18/04 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL ULTRASONIC VESSEL SEALING AND DISSECTING SYSTEM**
[54] **MECANISME DE DISSECTION ET RAPPROCHEMENT DE VAISSEAUX ULTRASONIQUE ELECTROCHIRURGICAL**
[72] LIU, XIAOSEN, US
[72] COLLI-MENCHI, ADRIAN I., US
[72] GILBERT, JAMES A., US
[72] FRIEDRICHS, DANIEL A., US
[72] MALANG, KEITH W., US
[72] SANCHEZ-SINENCIO, EDGAR, US
[71] COVIDIEN LP, US
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[41] 2016-01-25
[30] US (62/028,916) 2014-07-25
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[51] **Int.Cl. A47B 96/18 (2006.01) A47J 47/00 (2006.01) A47J 47/16 (2006.01)**
[25] EN
[54] **COUNTERTOP DEVICE HAVING RETENTION FEATURE**
[54] **DISPOSITIF DE COMPTOIR COMPORTANT UNE FONCTIONNALITE DE RETENUE**
[72] BERGE, MICHAEL R., US
[71] NATIONAL PRESTO INDUSTRIES, INC., US
[22] 2015-07-16
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[51] **Int.Cl. E05F 15/684 (2015.01) E05F 11/04 (2006.01) E05F 15/00 (2015.01)**
[25] EN
[54] **SENSING MANUAL DRIVE OPERATION OF A MOVABLE BARRIER**
[54] **DETECTION DU FONCTIONNEMENT D'UN ENTRAINEMENT MANUEL D'UNE BARRIERE MOBILE**
[72] NICHOLSON, SCOTT JAMES, AU
[71] CHAMBERLAIN AUSTRALIA PTY LTD., AU
[22] 2015-07-15
[41] 2016-01-24
[30] US (14/339,519) 2014-07-24

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[51] **Int.Cl. A61M 1/06 (2006.01) A61J 9/00 (2006.01) A61J 11/00 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR COLLECTING, MEASURING, STORING AND FEEDING BREAST EXPRESSED MILK**
[54] **MECANISME MODULAIRE DESTINE A COLLECTER, A MESURER, A ENTREPOSER ET A DONNER A BOIRE DU LAIT MATERNEL**
[72] MCCABE, JILL C., US
[71] MCCABE, JILL C., US
[22] 2015-07-21
[41] 2016-01-25
[30] US (14/340,751) 2014-07-25

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[13] A1
[51] **Int.Cl. G08C 19/00 (2006.01) G08C 17/02 (2006.01) H04L 9/18 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEM, METHODOLOGY, AND PROCESS FOR WIRELESS TRANSMISSION OF SENSOR DATA ONBOARD AN AIRCRAFT TO A PORTABLE ELECTRONIC DEVICE**
[54] **SYSTEME, METHODE ET PROCEDE DE TRANSMISSION SANS FIL DE DONNEES DE DETECTION A BORD D'UN AERONEF VERS UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] WARNER, JEFFREY N., US
[72] RUCKER, GEORGE DONALD, II, US
[71] NORTH FLIGHT DATA SYSTEMS, LLC, US
[22] 2015-07-20
[41] 2016-01-24
[30] US (14/340,276) 2014-07-24

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[51] **Int.Cl. H04W 28/08 (2009.01) H04W 28/04 (2009.01)**
[25] EN
[54] **MULTIPATH DATA STREAMING OVER MULTIPLE WIRELESS NETWORKS**
[54] **DIFFUSION DE DONNEES MULTIPARCOURS SUR PLUSIEURS RESEAUX SANS FIL**
[72] FRUSINA, BOGDAN, CA
[72] HORVATH, AKOS, CA
[72] SZE, DAVID, CA
[72] GILHULY, BARRY, CA
[72] SMITH, CAMERON KENNETH, CA
[72] MALLET, JOSEPH ROBERT WAYNE, CA
[72] FLATT, ROBERT, CA
[71] DEJERO LABS INC., CA
[22] 2015-07-17
[41] 2016-01-25
[30] US (14/341,057) 2014-07-25

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[51] **Int.Cl. G01C 3/00 (2006.01) G01C 3/32 (2006.01)**
[25] EN
[54] **ENHANCED OPTICAL DETECTION AND RANGING**
[54] **DETECTION ET PORTEE OPTIQUES AMELIOREES**
[72] WOOD, RHANDE P., US
[72] JONES, MICHAEL I., US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2015-07-21
[41] 2016-01-25
[30] US (14/341,157) 2014-07-25

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[51] **Int.Cl. E06C 1/08 (2006.01) E06C 7/08 (2006.01)**
[25] EN
[54] **COMPOSITE RUNG FOR A LADDER AND METHOD**
[54] **BARREAU COMPOSITE POUR UNE ECHELLE ET METHODE**
[72] MORA, DANIEL C., US
[71] WERNER CO., US
[22] 2015-07-21
[41] 2016-01-29
[30] US (14/446,024) 2014-07-29

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[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/024 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A CONTINUOUS WELLBORE SURVEY**
[54] **MECANISME ET METHODE PERMETTANT DE FOURNIR UN SONDAGE DE PUITS DE FORAGE EN CONTINU**
[72] LEDROZ, ADRIAN GUILLERMO, US
[72] WESTON, JOHN LIONEL, US
[71] GYRODATA, INCORPORATED, US
[22] 2015-07-17
[41] 2016-01-29
[30] US (14/446,140) 2014-07-29

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[51] **Int.Cl. B66F 7/28 (2006.01) B63B 17/00 (2006.01) B66F 7/06 (2006.01) B66F 11/00 (2006.01)**
[25] EN
[54] **A LATCHING DEVICE FOR A MOVABLE PLATFORM**
[54] **UN DISPOSITIF DE LOQUET DESTINE A UNE PLATEFORME MOBILE**
[72] RONCAROLO, DAVIDE, IT
[71] OPACMARE S.R.L., IT
[22] 2015-07-21
[41] 2016-01-25
[30] IT (TO2014A000594) 2014-07-25

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **PYRAZOLOPYRIMIDINE COMPOUNDS**
[54] **COMPOSES DE PYRAZOLOPYRIMIDINE**
[72] CHAPPIE, THOMAS ALLEN, US
[72] VERHOEST, PATRICK ROBERT, US
[72] PATEL, NANDINI CHATURBHAI, US
[72] HAYWARD, MATTHEW MERRILL, US
[72] HELAL, CHRISTOPHER JOHN, US
[72] SCIABOLA, SIMONE, US
[72] WAGER, TRAVIS T., US
[72] LACHAPELLE, ERIK ALPHIE, US
[72] YOUNG, JOSEPH MICHAEL, US
[71] PFIZER INC., US
[22] 2015-07-21
[41] 2016-01-24
[30] US (62/028,505) 2014-07-24
[30] US (62/157,100) 2015-05-05

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[13] A1
[51] **Int.Cl. H02J 3/00 (2006.01) H02J 3/24 (2006.01)**
[25] EN
[54] **HYBRID THYRISTOR-CONTROLLED SERIES CAPACITOR AND PASSIVE DAMPING FILTER FOR SERIES CAPACITORS**
[54] **CONDENSATEURS EN SERIE COMMANDES PAR UN THYRISTOR HYBRIDE ET FILTRE D'ATTENUATION PASSIF POUR CONDENSATEURS EN SERIE**
[72] ENGLISH, BRUCE EDWARD, US
[72] MARKEN, PAUL E., US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
[22] 2015-07-16
[41] 2016-01-25
[30] US (14/340,891) 2014-07-25

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[51] **Int.Cl. G01R 35/04 (2006.01) G01R 15/18 (2006.01)**
[25] EN
[54] **SENSOR DEVICES AND METHODS FOR USE IN SENSING CURRENT THROUGH A CONDUCTOR**
[54] **DISPOSITIFS DE DETECTION ET METHODES D'UTILISATION VISANT LA DETECTION DE COURANT DANS UN CONDUCTEUR**
[72] CHAMARTI, SUBRAMANYAM SATYASURYA, US
[72] BIETZ, STEVEN LEE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-07-16
[41] 2016-01-30
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[51] **Int.Cl. H02J 13/00 (2006.01) H02J 1/00 (2006.01) H02J 3/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A POWER DISTRIBUTION NETWORK**
[54] **SYSTEME ET METHODE DE COMMANDE D'UN RESEAU DE DISTRIBUTION D'ELECTRICITE**
[72] SHAO, MIAOLEI, US
[72] JOHAL, HARJEET, US
[72] BEBIC, JOVAN Z., US
[72] ACHARYA, NARESH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-07-16
[41] 2016-01-29
[30] US (14/445,789) 2014-07-29

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[51] **Int.Cl. H02B 1/56 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **ELECTRICAL CABINET WITH VENTED EXHAUST**
[54] **COFFRET ELECTRIQUE DOTE D'UNE EVACUATION VENTILEE**
[72] CARDIN, DANIEL, CA
[72] BOUCHER, YVES, CA
[72] THEORET, JEAN-MARC, CA
[72] THOMPSON, BUD, CA
[72] DUCHESNE, YVES, CA
[72] KUNGL, FERENC, CA
[72] LALANCETTE, DANIEL, CA
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[22] 2015-07-17
[41] 2016-01-25
[30] US (62/029,285) 2014-07-25

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[51] **Int.Cl. G08G 1/056 (2006.01) G08B 13/196 (2006.01) G08G 1/017 (2006.01) G09B 29/00 (2006.01)**
[25] EN
[54] **VIDEO SEARCH AND PLAYBACK INTERFACE FOR VEHICLE MONITOR**
[54] **INTERFACE DE RECHERCHE VIDEO ET DE LECTURE POUR ECRAN DE VEHICULE**
[72] MAO, SHULIN, US
[72] XUE, MINGSHAO, US
[72] WU, LIYUN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-07-17
[41] 2016-01-29
[30] US (14/445,570) 2014-07-29

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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/00 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **BLADE WITH SEALED LATTICE IN A SHROUD OF AN AXIAL TURBOMACHINE COMPRESSOR**
[54] **PALE DOTEE D'UN TREILLIS SCELLE DANS UN CARENAGE D'UN COMPRESSEUR TURBO A FLUX AXIAL**
[72] ENGLEBERT, ERIC, BE
[71] TECHSPACE AERO S.A., BE
[22] 2015-07-20
[41] 2016-01-25
[30] EP (14178502.2) 2014-07-25

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[51] **Int.Cl. B25B 23/04 (2006.01) B25B 23/06 (2006.01) B25B 23/08 (2006.01) F16B 27/00 (2006.01)**
[25] EN
[54] **CONTINUOUS SCREW TIGHTENING MACHINE WITH WASHER STACKING SUPPLY MECHANISM**
[54] **MACHINE DE SERRAGE DE VIS EN CONTINU DOTE D'UN MECANISME D'APPROVISIONNEMENT D'EMPILEMENT DE RONDELLES**
[72] ARAI, KUNIHIRO, JP
[72] WATANABE, YOICHI, JP
[71] MURO CORPORATION, JP
[22] 2015-07-22
[41] 2016-01-30
[30] JP (2014-155018) 2014-07-30

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[51] **Int.Cl. E04H 4/16 (2006.01) E02B 15/00 (2006.01)**
[25] EN
[54] **FLOATING POOL SKIMMER**
[54] **ECUMOIR FLOTTANT POUR PISCINE**
[72] BAIR, RONALD, US
[71] BAIR, RONALD, US
[22] 2015-07-22
[41] 2016-01-25
[30] US (62/028869) 2014-07-25
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[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01)**
[25] EN
[54] **TELEMETRY OPERATED EXPANDABLE LINER SYSTEM**
[54] **MECANISME DE CHEMISAGE EXTENSIBLE A FONCTIONNEMENT TELEMETRIQUE**
[72] LUKE, MIKE A., US
[72] HEIDECKE, KARSTEN, US
[72] MCINTIRE, SCOTT, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2015-07-23
[41] 2016-01-30
[30] US (14/447,288) 2014-07-30

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[51] **Int.Cl. B60K 15/067 (2006.01) B60K 15/073 (2006.01) B60R 21/013 (2006.01) B65F 3/00 (2006.01)**
[25] EN
[54] **REFUSE VEHICLE HAVING TAILGATE-MOUNTED CNG TANKS**
[54] **VEHICULE DE REJETS COMPORTANT DES RESERVOIRS DE GNC INSTALLES A L'ARRIERE**
[72] CRIST, LUCAS D., US
[72] WILDGRUBE, GRANT D., US
[72] HOEFKER, JARUD H., US
[72] SCHWARTZ, LESLIE H., US
[71] OSHKOSH CORPORATION, US
[22] 2015-07-23
[41] 2016-01-25
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[51] **Int.Cl. H04W 48/16 (2009.01) H04W 24/00 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **NETWORK ADMISSION CONTROL**
[54] **COMMANDE D'ADMISSION AU RESEAU**
[72] LYNN, THOMAS WILLIAM, JR., US
[72] SANDERSON, PHILLIP A., US
[72] ATTANASIO, JOSEPH, US
[72] KHEMANI, YASH LACHMANDAS, US
[72] DAVEY, JAMES H., US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2015-07-24
[41] 2016-01-25
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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATED TARGETED POLLING VIA AN E-COMMERCE PROMOTIONS PLATFORM**
[54] **METHODE ET SYSTEME DE SONDAGE CIBLE AUTOMATISE PAR L'INTERMEDIAIRE D'UNE PLATEFORME PROMOTIONNELLE DE COMMERCE ELECTRONIQUE**
[72] SKOLER, FREDERICK W., US
[71] SEARS BRANDS, LLC, US
[22] 2015-07-23
[41] 2016-01-28
[30] US (14/444,457) 2014-07-28

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[51] **Int.Cl. A61J 7/04 (2006.01) A61G 99/00 (2006.01) A61J 1/03 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE MEDICATION DISPENSING**
[54] **SYSTEME ET METHODE DE DISTRIBUTION SECURISEE DE MEDICAMENT**
[72] DALAL, ALIASGHER ABBAS ALI, CA
[72] NAJMI, SYED AKHTAR HASNAIN, CA
[71] EXACTMED LTD., CA
[22] 2015-07-24
[41] 2016-01-24
[30] US (62/028,357) 2014-07-24
[30] US (62/028,363) 2014-07-24
[30] US (62/028,392) 2014-07-24
[30] US (62/029,489) 2014-07-27
[30] US (62/028,410) 2014-07-24
[30] US (62/028,514) 2014-07-24
[30] US (62/029,529) 2014-07-27

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[13] A1
[51] **Int.Cl. B32B 3/06 (2006.01) B33Y 10/00 (2015.01) B32B 15/10 (2006.01) B32B 37/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADDITIVE MANUFACTURING OF A THREE-DIMENSIONAL OBJECT**
[54] **SYSTEME ET METHODE DE FABRICATION ADDITIVE D'UN OBJET TRIDIMENSIONNEL**
[72] ARBESMAN, RAY, CA
[71] R.A. INVESTMENT MANAGEMENT S.A.R.L., LU
[22] 2015-07-24
[41] 2016-01-24
[30] CA (2,857,790) 2014-07-24

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[13] A1
[51] **Int.Cl. B64G 1/10 (2006.01) B64G 1/24 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **METHOD FOR STATIONING A SATELLITE AND IN-ORBIT TESTING OF ITS PAYLOAD**
[54] **METHODE DE POSITIONNEMENT D'UN SATELLITE ET ESSAI EN ORBITE DE SA CHARGE UTILE**
[72] HACHE, RAPHAEL, FR
[72] KALTENBACH, ALEXANDRE, FR
[72] TESSANDORI, STEPHANE, FR
[71] THALES, FR
[22] 2015-07-24
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[30] EP (1401713) 2014-07-25

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[51] **Int.Cl. F16K 11/24 (2006.01) F16K 31/06 (2006.01) F23N 5/10 (2006.01) F24C 3/12 (2006.01)**
[25] EN
[54] **REGULATOR/MAGNETIC CONTROL VALVE COMBINATION**
[54] **COMBINAISON DE VANNE DE COMMANDE MAGNETIQUE ET REGULATEUR**
[72] JONES, JAMES DEAN, US
[72] FERLIN, WILLIAM J., US
[71] LINCOLN BRASS WORKS, INC., US
[22] 2015-07-27
[41] 2016-01-28
[30] US (62/029,768) 2014-07-28
[30] US (14/808,052) 2015-07-24

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[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) E21B 47/00 (2012.01) G01V 1/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF FACILITATING OILFIELD DATA ANALYSIS**
[54] **SYSTEMES ET METHODES DE FACILITATION D'ANALYSE DE DONNEES DE CHAMP PETROLIER**
[72] ANDERSON, MICHELE, US
[72] SAIER, DAVID, GB
[72] SUN, JINGJING, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2015-07-27
[41] 2016-01-28
[30] US (14/444,569) 2014-07-28

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[13] A1
[51] **Int.Cl. G08B 13/189 (2006.01) F21V 23/00 (2015.01) F21V 33/00 (2006.01) G08B 13/196 (2006.01) G08B 25/08 (2006.01) G08C 17/02 (2006.01) H04M 11/04 (2006.01) H04N 5/335 (2011.01) H04N 7/18 (2006.01)**
[25] EN
[54] **INTEGRATED HOME LIGHTING AND NOTIFICATION SYSTEM**
[54] **ECLAIRAGE DOMESTIQUE INTEGRE ET MECANISME DE NOTIFICATION**
[72] SKOTTY, BRIAN ROY, US
[72] TYLICKI, SCOTT BLAISE, US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2015-07-24
[41] 2016-01-24
[30] US (62/028,675) 2014-07-24

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[13] A1
[51] **Int.Cl. B65D 39/00 (2006.01) B65D 47/00 (2006.01)**
[25] EN
[54] **CORKS FOR USE WITH WIRELESS SPOUTS**
[54] **BOUCHONS DESTINES A DES BECS VERSEURS SANS FIL**
[72] TUYLS, JAMES M., US
[72] HONRINE, DENNIS J., US
[72] HECHT, THOMAS R., US
[71] AUTOMATIC BAR CONTROLS, INC., US
[22] 2015-07-23
[41] 2016-01-28
[30] US (62/029,782) 2014-07-28
[30] US (14/610,021) 2015-01-30

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[51] **Int.Cl. B65B 7/02 (2006.01) B65B 5/08 (2006.01)**
[25] EN
[54] **DEVICE FOR FILLING AND CLOSING BAGS FOR CONTAINING PAPER DOCUMENTS, SUCH AS BANKNOTES AND THE LIKE**
[54] **DISPOSITIF DESTINE AU REMPLISSAGE ET A LA FERMETURE DE SACS CONTENANT DES DOCUMENTS PAPIER COMME DES BILLETS DE BANQUE OU AUTRES SEMBLABLES**
[72] RAZZABONI, NICOLETTA, IT
[72] RAZZABONI, VITTORIO, IT
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[54] **REVOLVING BALL SEAT FOR HYDRAULICALLY ACTUATING TOOLS**
[54] **SIEGE DE ROTULE PIVOTANT POUR OUTILS A ACTIONNEMENT HYDRAULIQUE**
[72] CASTRO, CANDIDO, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2015-07-28
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[54] **METHOD AND DEVICE FOR CLEANING CONTROL PARTICLES IN A WELLBORE**
[54] **METHODE ET DISPOSITIF DE NETTOYAGE DES PARTICULES DE CONTROLE DANS UN TROU DE FORAGE**
[72] PARKER, TODD, CA
[72] CARROLL, SHAWN, CA
[72] SKIBINSKI, DAN, CA
[71] BLUE SPARK ENERGY INC., CA
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[25] EN
[54] **NON-LINEAR MULTI-POLE MAGNETIZATION OF FLEXIBLE MAGNETIC SHEETS**
[54] **MAGNETISATION MULTIPOLAIRE NON LINEAIRE DE FEUILLETS MAGNETIQUES SOUPLES**
[72] STOUT, JOSEPH B., US
[72] RUMMER, DOUGLAS WILLIAM, US
[72] ALLEN, DEREK, US
[71] MAGNUM MAGNETICS CORPORATION, US
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[25] EN
[54] **UNIVERSAL LINKAGE MOUNTING BAR**
[54] **BARRE D'INSTALLATION A LIAISON UNIVERSELLE**
[72] STICKLES, GEORGE C., US
[71] MAGNA INTERNATIONAL INC., CA
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[25] EN
[54] **GENETIC REGULATION OF BONE AND CELLS BY ELECTROMAGNETIC STIMULATION FIELDS AND USES THEREOF**
[54] **REGULATION GENETIQUE D'OS ET DE CELLULES A L'AIDE DE CHAMPS DE STIMULATION ELECTROMAGNETIQUE ET SES UTILISATIONS**
[72] GOODWIN, THOMAS J., US
[72] SHACKELFORD, LINDA C., US
[71] GOODWIN, THOMAS J., US
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[54] **LOPPER**
[54] **EBRANCHOIR**
[72] HELD, PETER, DE
[71] MTD PRODUCTS INC, US
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[54] **BALLOON ANCHOR**
[54] **ANCRAGE DE BALLON**
[72] RHINERSON, KAREN A., US
[72] KENNEDY, LORI, US
[71] RHINERSON, KAREN A., US
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[54] **METHODS AND COMPOSITIONS RELATED TO GELLED LAYERS IN OIL AND/OR GAS WELL**
[54] **METHODES ET COMPOSITIONS ASSOCIEES A DES COUCHES GELIFIEES DANS LES PUITS DE PETROLE OU DE GAZ**
[72] FURSDON-WELSH, ANGUS, US
[72] SILAS, JAMES, US
[72] GONZALEZ-ROLDAN, MONICA, US
[71] CESI CHEMICAL, INC., US
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[54] **FILL VALVE REGULATOR AND ASSEMBLY**
[54] **REGULATEUR DE VANNE DE REMPLISSAGE ET DISPOSITIF**
[72] GUTHRIE, KEVIN J., US
[71] LAVELLE INDUSTRIES, INC., US
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[54] **LAUNDRY TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE**
[72] LEE, JIHONG, KR
[72] SANG, MINKYU, KR
[71] LG ELECTRONICS INC., KR
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[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE**
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[72] SUNG, KIJUNG, KR
[71] LG ELECTRONICS INC., KR
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[25] EN
[54] **STEPLESS VARIABLE AUTO STROKE HYDRAULIC BREAKER SYSTEM**
[54] **SYSTEME DE FREINAGE HYDRAULIQUE A COURSE AUTOMATIQUE VARIABLE LINEAIRE**
[72] LEE, WON HAE, KR
[72] KIM, HAK KYU, KR
[71] DAEMO ENGINEERING CO., LTD., KR
[22] 2015-07-29
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[25] EN
[54] **ANTI-AGING ANTIOXIDANT NUTRITIONAL SUPPLEMENT FOR THE IMPROVEMENT OF THE INTEGUMENTARY SYSTEM**
[54] **SUPPLEMENT NUTRITIONNEL ANTIOXYDANT ANTI-VEILLISSEMENT DESTINE A AMELIORER LE SYSTEME TEGUMENTAIRE**
[72] SANGUINETTI, CATONE TONY, GB
[72] AUNG, THEIN, GB
[72] SIBILLA, SARA, GB
[72] PATEL, VIDHI, GB
[71] MINERVA RESEARCH LABS LTD, GB
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[25] EN
[54] **LED INDUCTION COMBINATION LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE DEL COMBINE A INDUCTION**
[72] TOKARZ, STEVE, US
[72] KILLMEYER, JOHN MICHAEL, US
[71] AMERICAN GREEN TECHNOLOGY, INC., US
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[25] EN
[54] **ARCHERY BOW AXLE WITH FASTENER**
[54] **AXE D'ARC DOTE D'UN DISPOSITIF DE FIXATION**
[72] MCPHERSON, MATHEW A., US
[71] MCPHERSON, MATHEW A., US
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[25] EN
[54] **LED LIGHT MODULE AND METHOD FOR INSTALLING SAME**
[54] **MODULE D'ECLAIRAGE DEL ET METHODE D'INSTALLATION ASSOCIEE**
[72] MAYFIELD, JOHN T., III, US
[72] MCCANLESS, FORREST STARNES, US
[72] MACCANE, STEPHEN BARRY, US
[71] ABL IP HOLDING LLC, US
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[54] **REFLECTIVE MARKINGS**
[54] **MARQUAGES REFLECTEURS**
[72] LANGTRY, DAVID, CA
[71] PATENT APPLIED TECHNOLOGY, CA
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[54] **ROTARY MILL**
[54] **MOULIN ROTATIF**
[72] LANGTRY, DAVID, CA
[71] PATENT APPLIED TECHNOLOGY, CA
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[54] **METHOD FOR RELIEVING CHRONIC PAIN**
[54] **METHODE DE SOULAGEMENT DE LA DOULEUR CHRONIQUE**
[72] KARMY, GRIGORY, CA
[71] KARMY, GRIGORY, CA
[22] 2015-07-30
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[25] EN
[54] **MULTI-PEAK REFERENCE GRATING**
[54] **RESEAU DE REFERENCE A POINTES MULTIPLES**
[72] TAVERNER, DOMINO, US
[71] WEATHERFORD/LAMB, INC., US
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[54] **AIR SHOWER FOR DUST COLLECTERS**
[54] **DOUCHE D'AIR POUR COLLECTEURS DE POUSSIERES**
[72] TEMPLETON, MATTHEW CHARLES, CA
[71] ASSOCIATED RESEARCH - EDC LTD., CA
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[25] EN
[54] **SYSTEM AND METHOD FOR ADJUSTING FRACTIONAL ON-TIME AND CYCLE TIME TO COMPENSATE FOR WEATHER EXTREMES AND MEET VENTILATION REQUIREMENTS**
[54] **MECANISME ET METHODE DE REGLAGE DE FRACTION DE CYCLE ACTIF ET CYCLE REPETITIF EN VUE DE COMPENSER DES CONDITIONS DE TEMPERATURE EXTREMES ET SATISFAIRE LES EXIGENCES DE VENTILATION**
[72] GREFSHEIM, SCOTT, US
[71] RESEARCH PRODUCTS CORPORATION, US
[22] 2015-07-30
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[25] EN
[54] **AN ARTICLE HAVING PLURALITY OF FUNCTIONALLY GRADED REGIONS AND A METHOD OF MANUFACTURING THEREOF**
[54] **UN ARTICLE COMPORTANT UNE PLURALITE DE REGIONS PROFILEES FONCTIONNELLES ET UNE METHODE DE FABRICATION ASSOCIEE**
[72] SRIRAM, S. SUNDAR, IN
[71] SUNDRAM FASTENERS LIMITED, IN
[22] 2015-07-30
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[54] **ANTI-TWIST CABLE**
[54] **CABLE ANTI-TORSION**
[72] WILLIAMSON, RICHARD, US
[72] JACKSON, HOWARD, US
[71] AETNA INSULATED WIRE LLC, US
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[54] **CABLE HAVING SYNTHETIC TENSILE MEMBERS**
[54] **CABLE COMPORTANT DES ELEMENTS TRACTABLES SYNTHETIQUES**
[72] WILLIAMSON, RICHARD, US
[72] JACKSON, HOWARD, US
[72] SMITH, GREG, US
[72] SMITH, WALT, US
[71] AETNA INSULATED WIRE LLC, US
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[51] **Int.Cl. E21B 19/06 (2006.01)**
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[54] **HORSESHOE JACK FOR DRILLING, WORK-OVERS AND COMPLETIONS**
[54] **SUPPORT EN FORME DE FER A CHEVAL DESTINE AUX TRAVAUX DE FORAGE, RECONDITIONNEMENT ET COMPLETION**
[72] PETROWSKY, CONRAD, CA
[72] FOLLETT, THOMAS, CA
[72] JOHNSON, BLAKE, CA
[71] 1440072 ALBERTA LTD., CA
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[54] **PLAY CENTER**
[54] **CENTRE DE JEU**
[72] RIEBER, FREDERICK M., US
[71] SOLOWAVE DESIGN LP, CA
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[54] **FLUID VELOCITY-DRIVEN CIRCULATION TOOL**
[54] **OUTIL DE CIRCULATION ENTRAINE PAR LA VELOCITE D'UN FLUIDE**
[72] MEIER, KYLE R., US
[72] ARNOLD, CHRISTOPHER R., US
[71] C&J ENERGY SERVICES, INC., US
[22] 2015-09-23
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[25] EN
[54] **DYNAMIC SIGNALING AND RESOURCE ALLOCATION IN SECURE MEDIA-BASED CONFERENCING**
[54] **SIGNALEMENT DYNAMIQUE ET ATTRIBUTION DE RESSOURCE LORS D'UNE CONFERENCE FONDEE SUR DES MEDIAS SECURISES**
[72] ANDERSON, ERIC, US
[72] GOEPP, DANIEL P., US
[71] EDIFIRE LLC, US
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[25] EN
[54] **METHOD AND SYSTEM FOR EXTRACTING HEAT FROM A FLUE GAS**
[54] **METHODE ET SYSTEME D'EXTRACTION DE CHALEUR D'UN GAZ DE COMBUSTION**
[72] ZAMMIT, PAUL, CA
[71] ZAMMIT, PAUL, CA
[22] 2015-11-12
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[51] **Int.Cl. G06T 7/00 (2006.01) H04N 21/80 (2011.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING, ANALYZING, AND REPORTING ON PLAYERS IN A GAME FROM VIDEO**
[54] **MECANISME ET METHODE D'IDENTIFICATION, ANALYSE ET RAPPORT DE JOUEURS DANS UN JEU D'UNE VIDEO**
[72] ZAKALUK, ROBERT, CA
[71] ZAKALUK, ROBERT, CA
[22] 2015-11-26
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[51] **Int.Cl. F42B 6/08 (2006.01)**
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[54] **BROADHEAD**
[54] **POINTE A LAME**
[72] MALLO, JORGE E., US
[71] MALLO, JORGE E., US
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[54] **AUGMENTED REALITY PRODUCT BROCHURE APPLICATION**
[54] **APPLICATION DE BROCHURE DE PRODUIT A REALITE AUGMENTEE**
[72] RAMSEY, BRADLEY S., US
[72] BRADY, MICHAEL T., US
[72] BRADY, MARI C., US
[72] MEIER, ERICH P., US
[71] DREAMWELL, LTD., US
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Demandes PCT entrant en phase nationale

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[25] EN
[54] **TRANSPORTER VEHICLE AND TRANSPORTER VEHICLE CONTROL METHOD**
[54] **VEHICULE TRANSPORTEUR ET METHODE DE COMMANDE DE VEHICULE TRANSPORTEUR**
[72] OHSUGI, SHIGERU, JP
[72] SUGIHARA, MOTOHIDE, JP
[72] MITSUTA, SHINJI, JP
[71] KOMATSU LTD., JP
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[25] EN
[54] **TRANSPORTER VEHICLE, DUMP TRUCK, AND TRANSPORTER VEHICLE CONTROL METHOD**
[54] **VEHICULE TRANSPORTEUR, CAMION A BENNE ET METHODE DE COMMANDE DE VEHICULE TRANSPORTEUR**
[72] OHSUGI, SHIGERU, JP
[72] MITSUTA, SHINJI, JP
[71] KOMATSU LTD., JP
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[51] **Int.Cl. A63H 1/30 (2006.01) A63H 1/06 (2006.01) A63H 29/24 (2006.01)**
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[54] **A TRANSFORMABLE YO-YO**
[54] **YO-YO TRANSFORMABLE**
[72] CAI, DONGQING, CN
[71] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., CN
[71] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[71] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
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[25] EN
[54] **SHEET EDGE TRIMMING AND REMOVAL FROM A STRUCTURED PAPER FABRIC**
[54] **ROGNURE DE BORDS DE FEUILLE ET LE RETRAIT D'UN TISSU DE PAPIER STRUCTURE**
[72] RAINES, DAVID DREW, US
[72] ANAND, FARMINDER S., US
[72] KENNEDY, THEODORE D., US
[72] VELDHUIZEN, DAVID S., US
[72] HUNTER, MARK S., US
[72] BAUMGARTNER, DEAN J., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
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[86] 2014-02-20 (PCT/US2014/017320)
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[30] US (61/789,747) 2013-03-15
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[25] EN
[54] **WIRELESS LOCKSET WITH INTEGRATED ANTENNA, TOUCH ACTIVATION, AND LIGHT COMMUNICATION METHOD**
[54] **SERRURE COMPLETE SANS FIL AVEC ANTENNE INTEGREE, ACTIVATION TACTILE, ET PROCEDE DE COMMUNICATION PAR LA LUMIERE**
[72] UYEDA, ALAN, US
[72] MARIDAKIS, MICHAEL, US
[72] CZERWINSKI, JEROME F., JR., US
[72] SCHNEIDER, ELLIOTT B., US
[72] BROWN, TROY M., US
[72] KIM, DAVID K.J., US
[71] SPECTRUM BRANDS, INC., US
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[87] (WO2014/150172)
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[25] EN
[54] **TRIMETHYLAMINE AS A BIOMARKER OF PREBIOTIC EFFICACY FOR WEIGHT GAIN PREVENTION**
[54] **TRIMETHYLAMINE SERVANT DE BIOMARQUEUR DE L'EFFICACITE DE PREBIOTIQUES POUR PREVENIR UNE PRISE DE POIDS**
[72] MARTIN, FRANCOIS-PIERRE, CH
[72] COLLINO, SEBASTIANO, CH
[72] MONTOLIU ROURA, IVAN, CH
[71] NESTEC S.A., CH
[85] 2015-09-17
[86] 2014-03-13 (PCT/EP2014/054909)
[87] (WO2014/154492)
[30] EP (13161510.6) 2013-03-28

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[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **NEW URANIUM-CHELATING PEPTIDES DERIVED FROM EF-HAND CALCIUM-BINDING MOTIF USEFUL FOR URANIUM BIODETECTION AND BIODECONTAMINATION**
[54] **NOUVEAUX PEPTIDES CHELATANT L'URANIUM DERIVES DE MOTIF MAIN EF DE LIAISON AU CALCIUM UTILES POUR LA BIODETECTION ET LA BIODECONTAMINATION D'URANIUM**
[72] PARDOUX, ROMAIN, FR
[72] SAUGE-MERLE, SANDRINE, FR
[72] LEMAIRE, DAVID, FR
[72] BERTHOMIEU, CATHERINE, FR
[72] GUILBAUD, PHILIPPE, FR
[72] DELANGLE, PASCALE, FR
[72] BREMOND, NICOLAS, FR
[72] BECCIA, MARIA-ROSA, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2015-09-22
[86] 2014-03-28 (PCT/IB2014/060271)
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[30] EP (13305400.7) 2013-03-28
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[13] A1
[51] **Int.Cl. G10L 19/22 (2013.01) G10L 25/84 (2013.01) G10L 19/08 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SELECTING ONE OF A FIRST ENCODING ALGORITHM AND A SECOND ENCODING ALGORITHM USING HARMONICS REDUCTION**
[54] **APPAREIL ET METHODE DESTINES A SELECTIONNER UN D'UN PREMIER ALGORITHME DE CODAGE ET D'UN DEUXIEME ALGORITHME DE CODAGE A L'AIDE DE REDUCTION D'HARMONIQUE**
[72] RAVELLI, EMMANUEL, DE
[72] MULTRUS, MARKUS, DE
[72] DOEHLA, STEFAN, DE
[72] GRILL, BERNHARD, DE
[72] JANDER, MANUEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-10-30
[86] 2015-07-21 (PCT/EP2015/066677)
[87] (2910878)
[30] EP (14178809.1) 2014-07-28

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[13] A1
[51] **Int.Cl. A47C 7/02 (2006.01) A47C 7/18 (2006.01) A47C 27/00 (2006.01)**
[25] EN
[54] **A CONTOURING DEVICE**
[54] **DISPOSITIF DE PROFILAGE**
[72] MASCULL, BRUCE GORDON, NZ
[72] MASCULL, ROGER THOMAS, NZ
[71] ROGER THOMAS MASCULL AND ELIZABETH JOCELYN MASCULL AS TRUSTEES OF THE RT AND EJ MASCULL FAMILY TRUST, NZ
[85] 2015-12-14
[86] 2014-07-04 (PCT/NZ2014/000136)
[87] (WO2015/002551)

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[51] **Int.Cl. E02B 9/08 (2006.01) B63B 35/44 (2006.01) F03B 13/26 (2006.01)**
[25] EN
[54] **PLATFORM FOR TIDAL TURBINES**
[54] **PLATE-FORME POUR TURBINES MAREMOTRICES**
[72] KHOO, WEE KEONG, CN
[71] TIDAL HARNESS LIMITED, CN
[85] 2015-12-23
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[13] A1
[51] **Int.Cl. B66B 23/02 (2006.01) B66B 21/12 (2006.01)**
[25] EN
[54] **DRIVE SYSTEM FOR A TRANSPORT SYSTEM**
[54] **MECANISME D'ENTRAINEMENT POUR UN MECANISME DE TRANSPORT**
[72] GONZALEZ ALEMANY, MIGUEL ANGEL, ES
[72] GONZALEZ PANTIGA, JUAN DOMINGO, ES
[72] GONZALEZ FERNANDEZ, ENRIQUE, ES
[72] MENDIOLAGOITIA JULIANA, JOSE, ES
[72] PELLO GARCIA, ALBERTO, ES
[72] OJEDA ARENAS, JOSE, ES
[72] MORAN GARCIA, EDUARDO, ES
[72] QUIROGA SANCHEZ, ANA BELEN, ES
[72] FERNANDEZ ALVAREZ, LUIS JOAQUIN, ES
[72] FLOREZ CASTRO, ALBERTO, ES
[72] MUSLERA FERNANDEZ, IGNACIO, ES
[71] THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A., GI
[85] 2015-12-23
[86] 2014-08-19 (PCT/ES2014/070662)
[87] (WO2015/044481)
[30] ES (P201331396) 2013-09-25

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[25] EN
[54] **ILLUMINATING MICROWAVE HEATER, WITH ENERGY RECOVERY**
[54] **CHAUFFAGE MICROONDES D'ILLUMINATION, AVEC RECUPERATION D'ENERGIE**
[72] CERZOSO, GIANNI, IT
[72] CANGEMI, RAOUL, IT
[71] CERZOSO, GIANNI, IT
[71] CANGEMI, RAOUL, IT
[71] PIZZETTI, ALBERTO, IT
[71] GEMMA, ROBERTO, IT
[85] 2015-12-23
[86] 2014-06-26 (PCT/IB2014/062631)
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[30] IT (FI2013A000154) 2013-06-28

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[51] **Int.Cl. B65D 47/08 (2006.01) B65D 81/22 (2006.01)**
[25] EN
[54] **CLOSURE DEVICE FOR BOTTLES**
[54] **DISPOSITIF DE FERMETURE POUR BOUTEILLES**
[72] CARRARO, EMANUELE, IT
[71] CB STAMPI S.R.L. UNIPERSONALE, IT
[85] 2015-12-23
[86] 2015-05-25 (PCT/IT2015/000141)
[87] (WO2015/181843)
[30] IT (VI2014A000143) 2014-05-30

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[13] A1
[51] **Int.Cl. A23K 50/40 (2016.01) A23K 40/00 (2016.01) A23K 40/30 (2016.01)**
[25] EN
[54] **PET FOOD AND METHOD FOR PRODUCING PET FOOD**
[54] **ALIMENT POUR ANIMAL DE COMPAGNIE ET PROCEDE DE PRODUCTION D'ALIMENT POUR ANIMAL DE COMPAGNIE**
[72] KABAYASHI, YOSUKE, JP
[72] IWATA, SUMIHIRO, JP
[72] ICHIHASHI, MASAKI, JP
[71] UNICHARM CORPORATION, JP
[85] 2015-12-29
[86] 2014-06-30 (PCT/JP2014/067368)
[87] (WO2015/002138)
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[25] EN
[54] **PET FOOD AND METHOD OF PRODUCING PET FOOD**
[54] **ALIMENT POUR ANIMAUX DE COMPAGNIE ET SON PROCEDE DE FABRICATION**
[72] NAKASE, KOICHI, JP
[72] KAKU, WAKA, JP
[72] ARAMAKI, YUSUKE, JP
[72] YOSHIDA, KOTARO, JP
[71] UNICHARM CORPORATION, JP
[85] 2015-12-29
[86] 2014-06-30 (PCT/JP2014/067435)
[87] (WO2014/196665)
[30] JP (2013-138501) 2013-07-01

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[51] **Int.Cl. A61K 36/535 (2006.01) A61P 1/00 (2006.01) A61P 31/04 (2006.01) A61K 35/741 (2015.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01)**
[25] EN
[54] **A COMPOSITION HAVING A PREBIOTIC EFFECT**
[54] **COMPOSITION POSSEDANT UN EFFET PREBIOTIQUE**
[72] BUCHWALD-WERNER, SYBILLE, DE
[72] FUJII, HAJIME, JP
[72] ITO, TOMOHIRO, JP
[72] KUDO, SHOTARO, JP
[71] AMINO UP CHEMICAL CO., LTD., JP
[85] 2015-12-24
[86] 2014-07-18 (PCT/IB2014/001359)
[87] (WO2015/008139)
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[51] **Int.Cl. A23K 50/80 (2016.01) A23K 10/22 (2016.01) A23K 10/30 (2016.01) A23K 20/142 (2016.01) A23K 40/25 (2016.01)**
[25] EN
[54] **PROCESS FOR PREPARING FISH FEED PELLETS**
[54] **PROCEDE DE PREPARATION DE GRANULES D'ALIMENTS POUR POISSONS**
[72] FENEUIL, AURELIEN, FR
[72] VOGEL, FABRICE, FR
[72] FLAMBEAU, MICHEL, FR
[71] SYRAL BELGIUM NV, BE
[85] 2015-12-30
[86] 2014-07-22 (PCT/IB2014/063312)
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[51] **Int.Cl. C12N 9/04 (2006.01) A61K 38/46 (2006.01) A61P 25/28 (2006.01) C07K 7/50 (2006.01) C07K 7/64 (2006.01)**
[25] EN
[54] **NEURODEGENERATIVE DISORDERS**
[54] **TROUBLES NEURODEGENERATIFS**
[72] GREENFIELD, SUSAN, GB
[71] NEURO-BIO LTD, GB
[85] 2016-01-05
[86] 2014-07-04 (PCT/GB2014/052041)
[87] (WO2015/004430)
[30] GB (1312279.1) 2013-07-09

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[51] **Int.Cl. F16F 9/02 (2006.01) F16F 9/56 (2006.01)**
[25] EN
[54] **DEVICE FOR TRIGGERING A GAS SPRING**
[54] **DISPOSITIF PERMETTANT DE DECLENCHER UN RESSORT A GAZ**
[72] WANDSCHNEIDER, GUIDO, DE
[71] WANDSCHNEIDER, GUIDO, DE
[85] 2016-01-07
[86] 2014-07-11 (PCT/DE2014/000350)
[87] (WO2015/010672)
[30] DE (20 2013 006 582.6) 2013-07-23

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[13] A1
[51] **Int.Cl. F16F 9/02 (2006.01)**
[25] EN
[54] **DEVICE FOR TRIGGERING A GAS SPRING**
[54] **DISPOSITIF PERMETTANT DE DECLENCHER UN RESSORT A GAZ**
[72] WANDSCHNEIDER, GUIDO, DE
[71] WANDSCHNEIDER, GUIDO, DE
[85] 2016-01-07
[86] 2014-07-11 (PCT/DE2014/000351)
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[30] DE (20 2013 006 581.8) 2013-07-23

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[51] **Int.Cl. G08B 3/10 (2006.01) H04W 4/00 (2009.01) G08B 13/196 (2006.01) G08B 13/22 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **DOORBELL COMMUNICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION PAR L'INTERMEDIAIRE D'UNE SONNETTE DE PORTE**
[72] SCALISI, JOSEPH FRANK, US
[72] MEJIA, DESIREE, US
[72] HARRISON, GREGORY SAUL, US
[72] THOMAS, ANDREW PAUL, US
[72] KASMIR, SETON PAUL, US
[71] SKYBELL TECHNOLOGIES, INC., US
[85] 2016-01-08
[86] 2014-08-29 (PCT/US2014/053506)
[87] (WO2015/031812)
[30] US (61/872,439) 2013-08-30
[30] US (14/098,772) 2013-12-06
[30] US (14/099,888) 2013-12-06
[30] US (14/142,839) 2013-12-28
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[51] **Int.Cl. H01R 33/22 (2006.01) H01R 25/16 (2006.01)**
[25] EN
[54] **PLUG CONNECTOR HOUSING**
[54] **BOITIER DE CONNECTEUR ENFICHABLE**
[72] BUSSE, REINER, DE
[72] RUTER, ANDREAS, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
[85] 2016-01-11
[86] 2014-09-03 (PCT/DE2014/100316)
[87] (WO2015/032388)
[30] DE (10 2013 109 653.0) 2013-09-04

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[51] **Int.Cl. H01R 13/514 (2006.01) H01R 13/512 (2006.01)**
[25] EN
[54] **PLUG CONNECTOR MODULE**
[54] **MODULE DE CONNECTEUR ENFICHABLE**
[72] MEIER, HEIKO, DE
[72] SUNDERMEIER, UWE, DE
[72] MEIER, SVEA, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
[85] 2016-01-11
[86] 2015-06-23 (PCT/DE2015/100253)
[87] (WO2015/197052)
[30] DE (10 2014 108 847.6) 2014-06-25

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[51] **Int.Cl. G06F 1/32 (2006.01) G06F 12/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEMORY CHANNEL INTERLEAVING WITH SELECTIVE POWER OR PERFORMANCE OPTIMIZATION**
[54] **SYSTEME ET PROCEDE DESTINES A L'ENTRELACEMENT DE CANAUX DE MEMOIRE COMPORTANT UNE OPTIMISATION SELECTIVE DE PUISSANCE OU DE PERFORMANCES**
[72] CHUN, DEXTER, US
[72] LI, YANRU, US
[72] TU, ALEX, US
[72] LO, HAW-JING, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-11
[86] 2014-08-07 (PCT/US2014/050208)
[87] (WO2015/021316)
[30] US (13/962,746) 2013-08-08

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[51] **Int.Cl. A61B 17/128 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **BRAIDED HEMOSTASIS SHAFT FOR IMPROVED TORSIONAL RESPONSE**
[54] **TIGE A FLUX TRESSEE POUR UNE REPONSE EN TORSION AMELIOREE**
[72] RYAN, SHAWN, US
[72] WILCOX, KEVIN JOHN, US
[72] GORST, OLIVER, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-01-11
[86] 2014-08-18 (PCT/US2014/051505)
[87] (WO2015/026726)
[30] US (61/867,935) 2013-08-20

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[51] **Int.Cl. B01J 23/38 (2006.01) B01D 53/86 (2006.01) B01J 35/02 (2006.01) B01J 37/16 (2006.01)**
[25] EN
[54] **CATALYSTS FOR OXIDATION OF CARBON MONOXIDE AND/OR VOLATILE ORGANIC COMPOUNDS**
[54] **CATALYSEURS POUR L'OXYDATION DE MONOXYDE DE CARBONE ET/OU DE COMPOSES ORGANIQUES VOLATILS**
[72] YANG, XIAOLIN, US
[72] TRAN, PASCALINE, US
[72] HU, QINGYUAN, US
[71] BASF CORPORATION, US
[85] 2016-01-11
[86] 2014-08-21 (PCT/US2014/052036)
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[30] US (61/869,137) 2013-08-23

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[51] **Int.Cl. G02B 7/02 (2006.01) B81C 3/00 (2006.01) C03C 27/00 (2006.01) G01R 33/26 (2006.01) G02B 7/18 (2006.01)**
[25] EN
[54] **ANODICALLY BONDED CELLS WITH OPTICAL ELEMENTS**
[54] **CELLULES A LIAISON ANODIQUE DOTEES D'ELEMENTS OPTIQUES**
[72] DURAL, NEZIH, US
[72] ROMALIS, MICHAEL, V., US
[71] TRUSTEES OF PRINCETON UNIVERSITY, US
[85] 2016-01-11
[86] 2014-09-26 (PCT/US2014/057902)
[87] (WO2015/048574)
[30] US (61/883,222) 2013-09-27
[30] US (14/499,026) 2014-09-26

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[51] **Int.Cl. G06Q 40/08 (2012.01) G07C 5/08 (2006.01)**
[25] EN
[54] **RISK ASSESSMENT USING PORTABLE DEVICES**
[54] **EVALUATION DES RISQUES AU MOYEN DE DISPOSITIFS PORTATIFS**
[72] STEMPORA, JEFFREY, US
[71] STEMPORA, JEFFREY, US
[85] 2016-01-12
[86] 2014-09-10 (PCT/IB2014/064404)
[87] (WO2015/008270)
[30] US (61/846,521) 2013-07-15
[30] US (14/224,248) 2014-03-25

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[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/56 (2006.01) A01P 13/02 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRAZOLYLPYRAZOLE DERIVATIVE AND USE OF SAME AS HERBICIDE**
[54] **DERIVE DE PYRAZOLYL-PYRAZOLE SUBSTITUE ET SON UTILISATION EN TANT QU'HERBICIDE**
[72] MATSUBARA, KEN, JP
[72] NIINO, MAKOTO, JP
[71] KYOYU AGRI CO., LTD., JP
[85] 2016-01-12
[86] 2014-08-11 (PCT/JP2014/071160)
[87] (WO2015/022928)
[30] JP (2013-168379) 2013-08-13

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[13] A1
[51] **Int.Cl. A47G 21/08 (2006.01)**
[25] EN
[54] **EATING UTENSIL**
[54] **USTENSILE DE TABLE**
[72] ILIEV, IVAYLO, BG
[71] ILIEV, IVAYLO, BG
[85] 2016-01-13
[86] 2014-07-15 (PCT/BG2014/000028)
[87] (WO2015/006837)
[30] BG (002589) 2013-07-18

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[13] A1
[51] **Int.Cl. G01V 5/02 (2006.01) G01T 1/00 (2006.01) G01V 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AERIAL SURVEYING OR MAPPING OF RADIOACTIVE DEPOSITS**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE AERIENNE OU DE CARTOGRAPHIE DE DEPOTS RADIOACTIFS**
[72] HEDIN, KAJ ESTON, CA
[72] ZAISS, CURTIS MICHAEL, CA
[71] FISSION 3.0 CORP., CA
[71] SPECIAL PROJECTS INC., CA
[85] 2016-01-13
[86] 2014-07-15 (PCT/CA2014/050672)
[87] (WO2015/006868)
[30] US (61/846,543) 2013-07-15

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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EFFICIENT OBJECT METADATA CODING**
[54] **APPAREIL ET PROCEDE DESTINES A CODER EFFICACEMENT DES METADONNEES D'OBJETS**
[72] BORSS, CHRISTIAN, DE
[72] ERTEL, CHRISTIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUE FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-13
[86] 2014-07-16 (PCT/EP2014/065299)
[87] (WO2015/011000)
[30] EP (13177367.3) 2013-07-22
[30] EP (13177365.7) 2013-07-22
[30] EP (13177378.0) 2013-07-22
[30] EP (13189284.6) 2013-10-18

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[13] A1
[51] **Int.Cl. C09D 175/04 (2006.01) C08G 18/42 (2006.01) C08G 63/668 (2006.01)**
[25] EN
[54] **DIMER FATTY ACID-POLYETHER-REACTION PRODUCT AND COATING COMPOSITION COMPRISING THE REACTION PRODUCT**
[54] **PRODUIT DE LA REACTION D'ACIDES GRAS DIMERES ET DE POLYETHERS ET COMPOSITION DE REVETEMENT RENFERMANT LE PRODUIT DE REACTION**
[72] STEINMETZ, BERNHARD, DE
[72] HOFFMANN, PETER, DE
[72] REUTER, HARDY, DE
[71] BASF COATINGS GMBH, DE
[85] 2016-01-13
[86] 2014-07-17 (PCT/EP2014/065442)
[87] (WO2015/028197)
[30] EP (13181764.5) 2013-08-27

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[13] A1
[51] **Int.Cl. C08G 63/553 (2006.01) C09D 167/08 (2006.01)**
[25] EN
[54] **DIMER FATTY ACID/DIMER DIOL REACTION PRODUCT AND USE THEREOF IN COATING MATERIALS**
[54] **PRODUIT DE REACTION D'ACIDE GRAS DIMERE ET DE DIOL DIMERE ET SON UTILISATION DANS LES MATERIAUX DE REVETEMENT**
[72] STEINMETZ, BERNHARD, DE
[72] REUTER, HARDY, DE
[72] HOFFMANN, PETER, DE
[71] BASF COATINGS GMBH, DE
[85] 2016-01-13
[86] 2014-07-18 (PCT/EP2014/065520)
[87] (WO2015/028200)
[30] EP (13182101.9) 2013-08-28
[30] EP (13197870.2) 2013-12-17

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[13] A1
[51] **Int.Cl. F26B 25/08 (2006.01) B27K 5/00 (2006.01) B65D 90/02 (2006.01) E04C 2/08 (2006.01) E04C 2/40 (2006.01) F26B 25/06 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A THERMAL MODIFICATION KILN**
[54] **METHODE DE FABRICATION D'UN SECHOIR DE MODIFICATION THERMIQUE**
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[71] LUXHAMMAR OY, FI
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[54] **COMBINATION THERAPY FOR THE TREATMENT OF CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] CHEN, YAN, US
[72] HUANG, XIZHONG, US
[72] KIM, SUNKYU, US
[71] NOVARTIS AG, CH
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[25] EN
[54] **VOICE COMMUNICATIONS WITH REAL-TIME STATUS NOTIFICATIONS**
[54] **COMMUNICATIONS VOCALES COMPRENANT DES NOTIFICATIONS DE STATUT EN TEMPS REEL**
[72] KOUM, JAN, US
[72] DONOHUE, MICHAEL B., US
[72] ACTON, BRIAN, US
[72] REED, ERIK JAMES, US
[72] STUKALOV, DIMA, US
[71] WHATSAPP INC., US
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[54] **TRAITEMENT CHIMIQUE POUR L'ENCRASSEMENT ORGANIQUE DES CHAUDIERES**
[72] KOLADE, BABAJIDE, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2016-01-13
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[54] **CELLULOSE SUBSTRATE WITH ANTI-FLAME PROPERTIES AND RELATIVE PRODUCTION METHOD**
[54] **SUBSTRAT EN CELLULOSE AVEC PROPRIETES ANTI-FLAMME ET PROCEDE PRODUCTION ASSOCIE**
[72] TONANI, ALBERTO, IT
[72] NOVELLO, ANDREA, IT
[72] SIRNA, CALOGERO, IT
[72] GIANNATEMPO, SIMONE, IT
[71] TORCITURA PADANA S.P.A., IT
[71] ZANOLO S.P.A., IT
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[25] EN
[54] **METHODS FOR PRODUCING FLUORIDED-CHLORIDED SILICA-COATED ALUMINA ACTIVATOR-SUPPORTS AND CATALYST SYSTEMS CONTAINING THE SAME**
[54] **PROCEDES POUR PRODUIRE DES SUPPORTS ACTIVEURS D'ALUMINE ENROBEE DE SILICE ET FLUOREE-CHLORUREE ET SYSTEMES CATALYTIQUES CONTENANT CES SUPPORTS**
[72] MCDANIEL, MAX P., US
[72] KILGORE, URIAH J., US
[72] YANG, QING, US
[72] COLLINS, KATHY S., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **HEAT EXCHANGER HAVING ARCUATELY AND LINEARLY ARRANGED HEAT EXCHANGE TUBES**
[54] **ECHANGEUR DE CHALEUR COMPORTANT DES TUBES D'ECHANGE DE CHALEUR AGENCES DE FACON ARQUEE ET LINEAIRE**
[72] HOLIDAY, CHRISTOPHER J., US
[71] LAARS HEATING SYSTEMS COMPANY, US
[85] 2016-01-12
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[25] EN
[54] **CLAY/POLYMER BLEND AS HIGH PH OR IONIC LIQUID BARRIER**
[54] **MELANGE D'ARGILE/POLYMERE EN TANT QUE BARRIERE DE LIQUIDE IONIQUE OU A PH ELEVE**
[72] WEBB, NIGEL, GB
[72] BATRA, DOLLY, US
[72] DONOVAN, MICHAEL, US
[71] AMCOL INTERNATIONAL CORPORATION, US
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[25] EN
[54] **TECHNIQUES FOR SERVER-CONTROLLED TILING OF LOCATION-BASED INFORMATION**
[54] **TECHNIQUES DE PAVAGE COMMANDE PAR SERVEUR D'INFORMATIONS FONDEES SUR L'EMPLACEMENT**
[72] DJABAROV, GUEORGUI, US
[72] HUI, DANIEL, US
[72] WILLIAMS, JOSHUA, US
[71] FACEBOOK, INC., US
[85] 2016-01-13
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[54] **FITTINGS HAVING ARCUATE STIFFNESS RIBS**
[54] **RACCORDS A NERVURES DE RIGIDITE ARQUEES**
[72] BOWMAN, MATTHEW A., US
[72] VAN WERT, JAMES R., US
[71] VICTAULIC COMPANY, US
[85] 2016-01-13
[86] 2014-07-14 (PCT/US2014/046466)
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[25] FR
[54] **METHOD OF ESTIMATION ON A CURVE OF A RELEVANT POINT FOR THE DETECTION OF AN ANOMALY OF A MOTOR AND DATA PROCESSING SYSTEM FOR THE IMPLEMENTATION THEREOF**
[54] **PROCEDE D'ESTIMATION SUR UNE COURBE D'UN POINT PERTINENT POUR LA DETECTION D'ANOMALIE D'UN MOTEUR ET SYSTEME DE TRAITEMENT DE DONNEES POUR SA MISE EN OEUVRE**
[72] RABENORO, TSIRIZO, FR
[72] LACAILLE, JEROME HENRI NOEL, FR
[71] SNECMA, FR
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[54] **RECEPTEURS DE LYMPHOCYTES T ANTI-PAPILLOMAVIRUS HUMAIN 16 E6**
[72] HINRICHS, CHRISTIAN S., US
[72] ROSENBERG, STEVEN A., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2016-01-13
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[25] FR
[54] **NOVEL INDOLIZINE DERIVATIVES, METHOD FOR THE PRODUCTION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[54] **NOUVEAUX DERIVES D'INDOLIZINE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[72] LE TIRAN, ARNAUD, FR
[72] LE DIGUARHER, THIERRY, FR
[72] STARCK, JEROME-BENOIT, FR
[72] HENLIN, JEAN-MICHEL, FR
[72] DE NANTEUIL, GUILLAUME, FR
[72] GENESTE, OLIVIER, FR
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] CHEN, I-JEN, GB
[71] LES LABORATOIRES SERVIER, FR
[71] VERNALIS (R&D) LIMITED, GB
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[25] EN
[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS DE PULVERISATION DE COMPOSITION ANTITRANSPIRANTE ET COMPOSITIONS ASSOCIEES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-13
[86] 2014-07-15 (PCT/US2014/046581)
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[25] EN
[54] **HIGH FLOW EMBOLIC PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION EMBOLIQUE A DEBIT ELEVE**
[72] ZIMMERMAN, JOHN MATHEW, US
[71] LAKE REGION MANUFACTURING, INC., US
[85] 2016-01-13
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[51] **Int.Cl. C07K 7/00 (2006.01)**
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[54] **PROTEASE-RESISTANT PEPTIDE LIGANDS**
[54] **LIGANDS PEPTIDIQUES RESISTANT A LA PROTEASE**
[72] MENEGATTI, STEFANO, US
[72] BOBAY, BENJAMIN G., US
[72] CARBONELL, RUBEN G., US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2016-01-13
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[51] **Int.Cl. A61K 38/19 (2006.01) C12N 15/00 (2006.01) C12P 21/06 (2006.01)**
[25] EN
[54] **TISSUE PROTECTIVE PEPTIDES AND PEPTIDE ANALOGS FOR PREVENTING AND TREATING DISEASES AND DISORDERS ASSOCIATED WITH TISSUE DAMAGE**
[54] **PEPTIDES ET ANALOGUES PEPTIDIQUES PROTECTEURS TISSULAIRES PERMETTANT DE PREVENIR ET TRAITER DES MALADIES ET DES TROUBLES ASSOCIES A UNE LESION TISSULAIRE**
[72] BRINES, MICHAEL, US
[72] CERAMI, ANTHONY, US
[71] ARAIM PHARMACEUTICALS, INC., US
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[25] EN
[54] **METHODS OF TREATING UROTHELIAL CARCINOMAS**
[54] **METHODES DE TRAITEMENT DE CARCINOMES UROTHELIAUX**
[72] ALI, SIRAJ MAHAMED, US
[72] HAWRYLUK, MATTHEW J., US
[72] ROSS, JEFFREY S., US
[72] STEPHENS, PHILIP JAMES, US
[71] FOUNDATION MEDICINE, INC., US
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[25] FR
[54] **NOVEL FORMS OF CO-CRYSTALS OF AGOMELATINE AND P-TOLUENESULPHONIC ACID, METHOD FOR PREPARING SAME AND THE PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[54] **NOUVELLES FORMES DE CO-CRISTAUX D'AGOMELATINE ET D'ACIDE P-TOLUENESULFONIQUE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[72] SHAN, HANBIN, CN
[72] SHEN, YUHUI, CN
[72] LUO, YING, CN
[72] LETELLIER, PHILIPPE, FR
[72] LYNCH, MICHAEL, FR
[71] LES LABORATOIRES SERVIER, FR
[71] SHANGHAI INSTITUTE OF PHARMACEUTICAL INDUSTRY, CN
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[54] **LINEAR ACTUATOR AND ROCKING CONTROLLER FOR RAILWAY VEHICLE**
[54] **ACTIONNEUR LINEAIRE ET DISPOSITIF DE COMMANDE D'OSCILLATION POUR UNE VOITURE FERROVIAIRE**
[72] TAMAI, MASAFUMI, JP
[72] GOTO, OSAMU, JP
[71] MOOG JAPAN LTD., JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-01-13
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[25] EN
[54] **PROCESS FOR PREPARING A HIGHLY PURE NEUROTOXIC COMPONENT OF A BOTULINUM TOXIN AND USES THEREOF**
[54] **PROCEDE POUR LA PREPARATION D'UN ELEMENT NEUROTOXIQUE HAUTEMENT PUR D'UNE TOXINE BOTULINIQUE ET SES UTILISATIONS**
[72] PFEIL, MICHAEL, DE
[72] WIESENBURG, ANDREAS, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
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[54] **PUMPABLE SHELF-STABLE SUSPENSION OF FIBERS IN AN ORGANIC PHASE**
[54] **SUSPENSION DE FIBRES POUVANT ETRE ASPIREE STABLE AU STOCKAGE DANS UNE PHASE ORGANIQUE**
[72] FEICHTENSCHLAGER, BERNHARD, DE
[72] KIERAT, RADOSLAW, DE
[72] BUCHNER, CHRISTIAN, DE
[71] BASF SE, DE
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[51] **Int.Cl. C25B 15/02 (2006.01) C25B 1/08 (2006.01) C25B 9/20 (2006.01) H01M 8/04 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TUNING AN ELECTROCHEMICAL CELL STACK**
[54] **SYSTEME ET PROCEDE DE MODULATION D'UN EMPILEMENT DE CELLULES ELECTROCHIMIQUES**
[72] BLANCHET, SCOTT, US
[72] YOON, WONSEOK, US
[72] QUET, PIERRE-FRANCOIS, US
[71] NUVERA FUEL CELLS, INC., US
[71] NUVERA FUEL CELLS, INC., US
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[86] 2014-07-16 (PCT/US2014/046861)
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[30] US (61/856,494) 2013-07-19
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[25] EN
[54] **BROWN ANTHOCYANIN-CONTAINING COLORANT**
[54] **COLORANT CONTENANT UNE ANTHOCYANINE BRUNE**
[72] ROBBINS, REBECCA J., US
[71] MARS, INCORPORATED, US
[85] 2016-01-13
[86] 2014-07-31 (PCT/US2014/049023)
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[54] **PERPETUAL BATCH ORDER FULFILLMENT**
[54] **TRAITEMENT DE COMMANDES PAR LOTS PERPETUEL**
[72] DANELSKI, DARIN, US
[71] MATTHEWS RESOURCES, INC., US
[85] 2016-01-13
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[25] EN
[54] **OXIDATIVE ESTERIFICATION CATALYST**
[54] **CATALYSEUR D'ESTERIFICATION OXYDANTE**
[72] LIMBACH, KIRK, US
[72] KRAPTCHETOV, DMITRI A., US
[72] FRICK, CHRISTOPHER D., US
[71] ROHM AND HAAS COMPANY, US
[85] 2016-01-13
[86] 2014-07-29 (PCT/US2014/048657)
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[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/56 (2006.01) A01P 13/02 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRAZOLYLPYRAZOLE DERIVATIVE AND USE OF SAME AS HERBICIDE**
[54] **DERIVE PYRAZOLYL-PYRAZOLE SUBSTITUE ET SON UTILISATION COMME HERBICIDE**
[72] MATSUBARA, KEN, JP
[72] NIINO, MAKOTO, JP
[71] KYOYU AGRI CO., LTD., JP
[85] 2016-01-13
[86] 2014-08-11 (PCT/JP2014/071149)
[87] (WO2015/022924)
[30] JP (2013-168375) 2013-08-13

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[51] **Int.Cl. G01D 5/14 (2006.01) A45D 27/00 (2006.01) G01P 3/44 (2006.01) G01P 15/08 (2006.01)**
[25] EN
[54] **MOTION SENSOR**
[54] **CAPTEUR DE MOUVEMENT**
[72] ZUTA, IDAN, IL
[72] RAFAELI, DOLEV, US
[72] SOLOMON, PHILIP, IL
[71] RADIANCY INC., US
[85] 2016-01-13
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[30] US (61/846,020) 2013-07-14

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **PYRIDINES, PYRIMIDINES, AND PYRAZINES, AS BTK INHIBITORS AND USES THEREOF**
[54] **PYRIDINES, PYRIMIDINES, ET PYRAZINES, A TITRE D'INHIBITEURS DE BTK ET LEURS UTILISATIONS**
[72] LIU-BUJALSKI, LESLEY, US
[72] NGUYEN, NGAN, US
[72] QIU, HUI, US
[72] JONES, REINALDO, US
[72] MOCHALKIN, IGOR, US
[72] CALDWELL, RICHARD D., US
[71] MERCK PATENT GMBH, DE
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[86] 2014-07-30 (PCT/US2014/048810)
[87] (WO2015/017502)
[30] US (61/860,401) 2013-07-31

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[13] A1
[51] **Int.Cl. G06F 19/26 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR VISUALIZING DATA QUALITY**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE VISUALISER LA QUALITE DE DONNEES**
[72] MAJUMDAR, NIVEDITA SUMI, US
[72] LEONG, HARRISON, US
[72] STRAUB, THEODORE E., US
[72] HOARD, DAVID, US
[71] LIFE TECHNOLOGIES CORPORATION, US
[85] 2016-01-13
[86] 2014-06-27 (PCT/US2014/044732)
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[30] US (61/841,167) 2013-06-28

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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/04 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR PROVIDING SURGICAL ACCESS AND FACILITATING CLOSURE OF SURGICAL ACCESS OPENINGS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR FOURNIR UN ACCES CHIRURGICAL ET FACILITER LA FERMETURE D'OUVERTURES D'ACCES CHIRURGICAL**
[72] PRIOR, SCOTT J., US
[72] MALKOWSKI, JAROSLAW T., US
[72] HENDERSHOT, JOHN D., US
[72] HORTON, KENNETH W., US
[72] TOKARZ, CHRISTOPHER ANDREW, US
[72] TEBBE, GREGORY F., US
[72] BERRY, DANNY R., US
[71] COVIDIEN LP, US
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[87] (WO2015/017540)
[30] US (61/861,732) 2013-08-02
[30] US (62/029,825) 2014-07-28
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INDUCING URINARY VOIDING AND DEFECATION**
[54] **COMPOSITIONS ET PROCEDES D'INDUCTION DE LA MICTION ET DE LA DEFECATION**
[72] THOR, KARL B., US
[72] KULLMANN, FLORENTA AURA, US
[71] DIGNIFY THERAPEUTICS, INC., US
[85] 2016-01-13
[86] 2014-07-30 (PCT/US2014/048953)
[87] (WO2015/017575)
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[25] EN
[54] **COMPOSITE HARDWARE FOR AN ELECTROCHEMICAL CELL**
[54] **MATERIAU COMPOSITE POUR UNE CELLULE ELECTROCHIMIQUE**
[72] MARCHAL, FREDERIC ANDRE, GB
[71] ITM POWER (RESEARCH) LIMITED, GB
[85] 2016-01-14
[86] 2014-07-11 (PCT/GB2014/052133)
[87] (WO2015/008043)
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[25] EN
[54] **ORANGE AND RED ANTHOCYANIN-CONTAINING COLORANTS**
[54] **COLORANTS CONTENANT DE L'ANTHOCYANE ORANGE ET ROUGE**
[72] ROBBINS, REBECCA J., US
[71] MARS, INCORPORATED, US
[85] 2016-01-13
[86] 2014-07-31 (PCT/US2014/049020)
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[54] **PANORAMIC CAMERA**
[54] **CAMERA PANORAMIQUE**
[72] ARTONNE, JEAN-CLAUDE, CA
[72] LEPAGE, STEPHANE, CA
[71] TAMAGGO HOLDING SA, CH
[85] 2015-07-06
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[25] EN
[54] **TRICYCLIC BENZOXABOROLE COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **COMPOSE DE BEZOXABOROLE TRICYCLIQUE, SON PROCEDE DE PREPARATION, ET SON UTILISATION**
[72] KIM, SOON-HOE, KR
[72] IM, WEON-BIN, KR
[72] HA, SEUNG-BUM, KR
[72] PARK, JUNG-SANG, KR
[72] KIM, MI-YEON, KR
[72] CHOI, SUNG-HAK, KR
[72] SUNG, HYUN-JUNG, KR
[71] DONG-A ST CO., LTD., KR
[85] 2016-01-13
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[87] (WO2015/016558)
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[25] EN
[54] **HAND-HELD ERGONOMIC JACKHAMMER HOLDER FOR CONCRETE FLOOR CHIPPING, JACKHAMMER AND HOLDER ASSEMBLY, AND METHOD OF USE THEREOF**
[54] **SUPPORT DE MARTEAU PERFORATEUR ERGONOMIQUE MANUEL POUR BURINAGE DE SOL EN BETON, ENSEMBLE SUPPORT ET MARTEAU PERFORATEUR, ET LEUR PROCEDE D'UTILISATION**
[72] MORISSETTE, DANNY, CA
[72] SMITH, ERICK, CA
[71] RNP INDUSTRIES INC., CA
[85] 2015-12-17
[86] 2014-06-19 (PCT/CA2014/000509)
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[51] **Int.Cl. F01K 25/10 (2006.01) F17C 9/02 (2006.01)**
[25] EN
[54] **PRESSURE REDUCTION SYSTEM**
[54] **SYSTEME DE REDUCTION DE PRESSION**
[72] WARDLE, DAVID, GB
[72] HYDE, KRISTIAN, GB
[71] ITM POWER (RESEARCH) LIMITED, GB
[85] 2016-01-14
[86] 2014-07-21 (PCT/GB2014/052229)
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[30] GB (1312964.8) 2013-07-19
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[25] EN
[54] **DATA BANDWIDTH MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE BANDE PASSANTE DE DONNEES**
[72] MENDIOLA, DENNIS, US
[72] GARROVILLO, JOSEPH MICHAEL C., PH
[71] CHIKKA PTE LTD, SG
[85] 2016-01-13
[86] 2014-07-25 (PCT/SG2014/000350)
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[54] **DEFORMABLE AIRCRAFT WINDOW**
[54] **HUBLOT D'AVION DEFORMABLE**
[72] MCCARTHY, DENNIS P., US
[72] BLEVINS, CALVIN B., US
[72] HARRIS, CAROLINE S., US
[72] GOODWIN, GEORGE B., US
[72] GU, YABEI, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2016-01-13
[86] 2014-08-05 (PCT/US2014/049747)
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[30] US (61/862,679) 2013-08-06
[30] US (14/451,857) 2014-08-05

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[51] **Int.Cl. H02J 1/10 (2006.01) H01M 16/00 (2006.01) H02M 3/155 (2006.01)**
[25] EN
[54] **A FUEL CELL UNIT**
[54] **UNITE PILE A COMBUSTIBLE**
[72] AGNEW, GERARD D, GB
[71] LG FUEL CELL SYSTEMS INC., US
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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION D'AGENT THERAPEUTIQUE**
[72] MONTALVO, SUSAN MCCONNELL, US
[72] CHONG, COLIN A., US
[72] LICKLITER, HANS, US
[72] BIKOVSKY, RAFAEL, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2016-01-04
[86] 2014-10-09 (PCT/US2014/059864)
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[51] **Int.Cl. G10L 19/028 (2013.01) G10L 19/032 (2013.01)**
[25] EN
[54] **NOISE FILLING IN MULTICHANNEL AUDIO CODING**
[54] **INTRODUCTION DE BRUIT DANS LE CODAGE AUDIO MULTICANAL**
[72] LUIS VALERO, MARIA, DE
[72] HELMRICH, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-14
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[30] EP (13177356.6) 2013-07-22
[30] EP (13189450.3) 2013-10-18

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[51] **Int.Cl. H02M 3/158 (2006.01) G05F 1/565 (2006.01) H02M 1/15 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROVIDING REGULATED CURRENT TO AN ELECTRICAL LOAD**
[54] **DISPOSITIF ET PROCEDE POUR FOURNIR UN COURANT REGULE A UNE CHARGE ELECTRIQUE**
[72] WEE, KAI FOOK FRANCIS, SG
[72] GROPPI, LEOPOLDO, IT
[72] STONA, ANDREA, IT
[71] OPULENT ELECTRONICS INTERNATIONAL PTE LTD, SG
[85] 2016-01-13
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[25] EN
[54] **DE NOVO SYNTHESIZED GENE LIBRARIES**
[54] **BANQUES DE GENES SYNTHETISES DE NOVO**
[72] BANYAI, WILLIAM, US
[72] PECK, BILL JAMES, US
[72] FERNANDEZ, ANDRES, US
[72] CHEN, SIYUAN, US
[72] INDERMUHLE, PIERRE, US
[71] TWIST BIOSCIENCE CORPORATION, US
[85] 2016-01-13
[86] 2014-08-05 (PCT/US2014/049834)
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[30] US (61/862,445) 2013-08-05
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[54] **AUTHORIZATION OF TRANSACTIONS**
[54] **AUTORISATION DE TRANSACTIONS**
[72] DENTON, MATTHEW CHARLES, AU
[72] BARDA, DAVID ALBERT, AU
[71] MAXWELL FOREST PTY LTD, AU
[85] 2016-01-14
[86] 2013-07-16 (PCT/IB2013/002032)
[87] (WO2014/013342)
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[51] **Int.Cl. A61B 6/03 (2006.01) A61B 6/00 (2006.01) G06T 7/60 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING HEPATIC FUNCTION FROM LIVER SCANS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER LA FONCTION HEPATIQUE A PARTIR DE SCINTIGRAMMES DU FOIE**
[72] GHOSH, DIPANKAR, US
[72] HOEFS, JOHN CARL, US
[71] HEPATIQ LLC, US
[85] 2016-01-13
[86] 2014-07-16 (PCT/US2014/046913)
[87] (WO2015/009869)
[30] US (61/847,313) 2013-07-17

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[51] **Int.Cl. A47G 19/02 (2006.01) A47G 23/06 (2006.01)**
[25] EN
[54] **PLATE FOR SERVING HOT MEALS THEREON**
[54] **ASSIETTE SUR LAQUELLE SERVIR DES REPAS CHAUDS**
[72] SPELEERS, POL, BE
[72] REDJAL, KARIM, BE
[71] PROBALCO BVBA, BE
[85] 2016-01-14
[86] 2014-07-23 (PCT/EP2014/065831)
[87] (WO2015/011195)
[30] EP (13177666.8) 2013-07-23

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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR MEASURING BLOOD CHARACTERISTICS FOR DEPLOYMENT ON A HOST DEVICE HAVING A DIGITAL SENSOR**
[54] **APPAREIL POUR LA MESURE DE CARACTERISTIQUES DU SANG A DEPLOYER SUR UN DISPOSITIF HOTE COMPORTANT UN CAPTEUR NUMERIQUE**
[72] SEGMAN, YOSEF, IL
[71] CNOGA MEDICAL LTD., IL
[85] 2016-01-14
[86] 2013-07-09 (PCT/IB2013/055633)
[87] (WO2014/013387)
[30] US (13/549,481) 2012-07-15

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[51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/4196 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTION OF ALLERGIC REACTION**
[54] **PROCEDES ET COMPOSITIONS POUR LA PREVENTION D'UNE REACTION ALLERGIQUE**
[72] TWEARDY, DAVID J., US
[72] KASEMBELI, MOSES M., US
[72] XU, MARVIN X., CN
[72] MILNER, JOSH, US
[72] BOCCHINI, CLAIRE E., US
[71] BOYLOR COLLEGE OF MEDICINE, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2016-01-13
[86] 2014-07-18 (PCT/US2014/047324)
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[30] US (61/847,766) 2013-07-18

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[54] **STABLE SALT-FREE POLYALUMINUM CHLOROSULFATES**
[54] **POLYALUMINIUM CHLOROSULFATES STABLES SANS SEL**
[72] DULKO, JAMES M., US
[71] USALCO, LLC, US
[85] 2016-01-13
[86] 2014-07-17 (PCT/US2014/046991)
[87] (WO2015/009910)
[30] US (61/847,383) 2013-07-17
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[13] A1
[51] **Int.Cl. G06T 17/05 (2011.01) G06F 19/00 (2011.01)**
[25] EN
[54] **GENERATING REPRESENTATIONS OF RECOGNIZABLE GEOLOGICAL STRUCTURES FROM A COMMON POINT COLLECTION**
[54] **GENERATION DE REPRESENTATIONS DE STRUCTURES GEOLOGIQUES RECONNAISSABLES A PARTIR D'UNE COLLECTION DE POINTS COMMUNS**
[72] EWING, MICHAEL DAVID, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-13
[86] 2014-08-15 (PCT/US2014/051266)
[87] (WO2015/023942)
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[51] **Int.Cl. B65G 59/06 (2006.01) B65G 1/08 (2006.01) B65G 47/90 (2006.01) B65G 57/20 (2006.01) B65G 61/00 (2006.01) B66F 9/02 (2006.01)**
[25] EN
[54] **PALLET DISPENSER AND METHOD THEREOF**
[54] **DISTRIBUTEUR DE PALETTES ET SON PROCEDE**
[72] REDMAN, PAUL, CA
[71] REDMAN, PAUL, CA
[85] 2016-01-14
[86] 2014-03-07 (PCT/IB2014/059533)
[87] (WO2015/008172)
[30] US (61/847,010) 2013-07-16

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[51] **Int.Cl. A24B 13/00 (2006.01) A61K 31/465 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR INCORPORATING NICOTINE INTO ORAL PRODUCTS**
[54] **PROCEDES ET SYSTEMES POUR INCORPORER DE LA NICOTINE DANS DES PRODUITS A USAGE ORAL**
[72] GAO, FENG, US
[72] ZHUANG, SHUZHONG, US
[72] GEE, DIANE L., US
[71] ALTRIA CLIENT SERVICES LLC, US
[85] 2016-01-13
[86] 2014-07-17 (PCT/US2014/046999)
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[51] **Int.Cl. C03B 5/235 (2006.01) C03B 5/12 (2006.01) F23C 3/00 (2006.01) F23D 14/20 (2006.01) F27B 1/08 (2006.01)**
[25] EN
[54] **MELTER HAVING A SUBMERGED COMBUSTION BURNER, METHOD USING THE BURNER AND USE OF THE BURNER**
[54] **COMPARTIMENT DE FUSION COMPRENANT UN BRULEUR A COMBUSTION IMMERGE, PROCEDE FAISANT APPEL AU BRULEUR ET UTILISATION DU BRULEUR**
[72] DEMOTT, JERRY, BE
[72] MAROLT, BOSTJAN, BE
[72] ETZKORN, RANDY, BE
[72] DUCARME, DAVID, BE
[71] KNAUF INSULATION, BE
[85] 2016-01-14
[86] 2014-07-30 (PCT/EP2014/066442)
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[30] GB (1313652.8) 2013-07-31

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[25] EN
[54] **MEDIA ACTION BUTTONS**
[54] **BOUTONS D'ACTION MULTIMEDIA**
[72] TSENG, ERICK, US
[71] FACEBOOK, INC., US
[85] 2016-01-13
[86] 2014-07-17 (PCT/US2014/047007)
[87] (WO2015/009919)
[30] US (13/945,538) 2013-07-18

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[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **IDENTIFYING AND EXTRACTING STRATIGRAPHIC LAYERS IN ONE OR MORE BODIES REPRESENTING A GEOLOGICAL STRUCTURE**
[54] **IDENTIFICATION ET EXTRACTION DE COUCHES STRATIGRAHIQUES DANS UN OU PLUSIEURS CORPS REPRESETANT UNE STRUCTURE GEOLOGIQUE**
[72] LUNEBURG, CATALINA MARIA, US
[72] EWING, MICHAEL DAVID, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-13
[86] 2014-08-15 (PCT/US2014/051270)
[87] (WO2015/023944)
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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **SMOKING ARTICLE WITH NON-OVERLAPPING, RADIALLY SEPARATED, DUAL HEAT-CONDUCTING ELEMENTS**
[54] **ARTICLE A FUMER AVEC DOUBLES ELEMENTS DE CONDUCTION DE LA CHALEUR, SEPARES RADIALEMENT, SANS CHEVAUCHEMENT**
[72] BONNELY, SAMUEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-01-14
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[30] EP (13182663.8) 2013-09-02

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[54] **INDOLE-3-CARBINOL DERIVATIVES**
[54] **DERIVES D'INDOLE-3-CARBINOL**
[72] MODI, RAJIV INDRAVADAN, IN
[72] SINGH, CHANDAN HARDHAN, IN
[72] SAGAR, NIRAVKUMAR SURESHBHAI, IN
[72] TIVARI, SUNILKUMAR RAMSURATBHAI, IN
[72] GADHIYA, BIPIN DHANAJIBHAI, IN
[71] CADILA PHARMACEUTICALS LIMITED, IN
[85] 2016-01-14
[86] 2014-07-11 (PCT/IB2014/063031)
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[30] IN (2370/MUM/2013) 2013-07-16

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[51] **Int.Cl. G06T 17/10 (2006.01)**
[25] EN
[54] **CREATING A THICKNESS GRID FOR DETERMINING RESERVE ESTIMATES FOR A RESERVOIR**
[54] **CREATION D'UNE GRILLE D'ISOPACHES POUR DETERMINER DES ESTIMATIONS DE RESERVES POUR UN RESERVOIR**
[72] EWING, MICHAEL DAVID, US
[72] JOHANSON, DAVID BRYAN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-13
[86] 2014-08-15 (PCT/US2014/051310)
[87] (WO2015/023962)
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[51] **Int.Cl. G01S 7/52 (2006.01) B06B 1/02 (2006.01) G01S 15/89 (2006.01) G10K 11/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ARBITRARY WAVEFORM GENERATION USING A TRI-STATE TRANSMIT PULSER**
[54] **PROCEDE ET SYSTEME DE GENERATION DE FORME D'ONDE ARBITRAIRE A L'AIDE D'UN GENERATEUR D'IMPULSIONS D'EMISSION A TROIS ETATS**
[72] FLYNN, JOHN A., US
[72] KACZKOWSKI, PETER J., US
[72] PFLUGRATH, BRIAN J., US
[72] PFLUGRATH, LAUREN S., US
[71] VERASONICS, INC., US
[85] 2016-01-13
[86] 2014-07-17 (PCT/US2014/047080)
[87] (WO2015/009960)
[30] US (61/856,488) 2013-07-19

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[51] **Int.Cl. E04C 2/36 (2006.01) B32B 7/04 (2006.01) B32B 7/12 (2006.01) B32B 7/14 (2006.01) B32B 9/04 (2006.01) B32B 13/02 (2006.01) B32B 13/04 (2006.01) B32B 27/40 (2006.01) E04B 2/00 (2006.01) E04C 2/04 (2006.01) E04C 2/24 (2006.01) E04C 2/34 (2006.01) E04F 13/00 (2006.01)**
[25] EN
[54] **PRE-FABRICATED CONSTRUCTION PANELS**
[54] **PANNEAUX DE CONSTRUCTION PREFABRIQUES**
[72] VERMEREN, FRANS, BE
[71] REDCO NV, BE
[85] 2016-01-14
[86] 2014-09-08 (PCT/EP2014/069083)
[87] (WO2015/039913)
[30] EP (13185249.3) 2013-09-19

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[54] **METHOD AND APPARATUS FOR LINKING DEVICE APPLICATIONS TO A CUSTOMER SERVICE INTERFACE**
[54] **PROCEDE ET APPAREIL POUR RELIER DES APPLICATIONS DE DISPOSITIF A UNE INTERFACE DE SERVICE CLIENT**
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[72] MONEGAN, MICHAEL, US
[71] 24/7 CUSTOMER, INC., US
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[54] **AUTOTAXIN INHIBITORS COMPRISING A HETEROAROMATIC RING-BENZYL-AMIDE-CYCLE CORE**
[54] **INHIBITEURS DE L'AUTOTAXINE CONTENANT UN NOYAU A CYCLE BENZYLE-AMIDE CYCLIQUE HETEROAROMATIQUE**
[72] BEATTIE, DAVID, GB
[72] BAETTIG, URS, GB
[72] LEGRAND, DARREN MARK, GB
[72] LISTER, ANDREW STUART, GB
[72] MCKENNA, JEFFREY, GB
[72] PEARCE, DAVID WILLIAM, GB
[72] SANDHAM, DAVID ANDREW, GB
[72] STEWARD, OLIVER ROSS, GB
[72] THOMSON, CHRISTOPHER, GB
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[54] **PRODUIT DE FIBROCIMENT HYDROPHOBISE COMPRENANT AU MOINS UNE SURFACE PROFILEE**
[72] VAN DEN BERGH, FRANK, BE
[71] REDCO NV, BE
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[54] **METHODS FOR MEASURING PROPERTIES OF MULTIPHASE OIL-WATER-GAS MIXTURES**
[54] **PROCEDES DE MESURE DES PROPRIETES DE MELANGES PETROLE/EAU/GAZ MULTIPHASES**
[72] SINHA, DIPEN N., US
[72] CHAUDHURI, ANIRBAN, US
[72] PANTEA, CRISTIAN, US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
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[54] **MEMBRANE SEPARATION OF OLEFIN AND PARAFFIN MIXTURES**
[54] **SEPARATION SUR MEMBRANE DE MELANGES D'OLEFINES ET DE PARAFFINES**
[72] FEIRING, ANDREW EDWARD, US
[72] LAZZERI, JONATHAN, US
[72] MAJUMDAR, SUDIPTO, US
[71] COMPACT MEMBRANE SYSTEMS, INC., US
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[54] **PANNEAUX DE CONSTRUCTION PREFABRIQUES**
[72] O'NEILL, BOBBY, IE
[71] REDCO NV, BE
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[25] EN
[54] **PARALLEL ORGANIC SYNTHESIS ON PATTERNED PAPER USING A SOLVENT-REPELLING MATERIAL**
[54] **SYNTHESE ORGANIQUE PARALLELE SUR PAPIER A MOTIF A L'AIDE D'UN MATERIAU REPOUSSANT LES SOLVANTS**
[72] DEISS, FREDERIQUE, CA
[72] DERDA, RATMIR, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[86] 2014-07-18 (PCT/CA2014/050683)
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[54] **NOUVEAUX AGENTS ANTIPALUDIQUES**
[72] BURROWS, JEREMY, CH
[72] WYVRATT, MATTHEW, US
[72] VAIDYA, AKHIL, US
[72] KORTAGERE, SANDHYA, US
[72] FAN, ERKANG, US
[72] CHATTERJEE, ARNAB KUMAR, US
[72] NAGLE, ADVAIT SURESH, US
[72] KATO, TOMOYO, US
[71] MMV MEDICINES FOR MALARIA VENTURE, CH
[71] DREXEL UNIVERSITY, US
[71] UNIVERSITY OF WASHINGTON, US
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[54] **USE OF PLANT EXTRACTS AGAINST HERPES SIMPLEX VIRUS**
[54] **UTILISATION D'EXTRAITS DE PLANTES CONTRE LE VIRUS DE L'HERPES SIMPLEX**
[72] COTE, ISABELLE, CA
[72] LAVOIE, SERGE, CA
[72] LEGAULT, JEAN, CA
[72] PICHETTE, ANDRE, CA
[71] UNIVERSITE DU QUEBEC A CHICOUTIMI, CA
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[54] **FOAMER DISPENSER, AND CONTAINER WITH FOAMER DISPENSER**
[54] **DISTRIBUTEUR DE PRODUIT MOUSSANT, ET RECIPIENT DOTE D'UN DISTRIBUTEUR DE PRODUIT MOUSSANT**
[72] MIZUSHIMA, HIROSHI, JP
[72] SASAKI, TSUYOSHI, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2016-01-13
[86] 2014-07-17 (PCT/JP2014/003814)
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[54] **MOLD-RESISTANT PAPER AND GYPSUM PANEL, ANTIMICROBIAL PAPER COATING AND RELATED METHODS**
[54] **PANNEAU DE GYPSE ET PAPIER RESISTANT A LA MOISISSURE, COUCHAGE DE PAPIER ANTIMICROBIEN ET PROCEDES ASSOCIES**
[72] ROHLF, EVAN VINCENT, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2016-01-13
[86] 2014-07-18 (PCT/US2014/047115)
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[54] **COMPOSITION DE COLORANT CAPILLAIRE**
[72] MORI, EMI, JP
[72] UESAWA, YOSHIYUKI, JP
[72] HASEGAWA, MIKINOBU, JP
[72] FUMA, YOSHIHITO, JP
[71] HOYU CO., LTD., JP
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[54] **MRI IMAGE FUSION METHODS AND USES THEREOF**
[54] **PROCEDES DE FUSION D'IMAGES D'IRM ET UTILISATIONS DE CES IMAGES**
[72] SYMON, ZVI, IL
[72] MAYER, ARNALDO, IL
[72] ZHOLKOVER, ADI, IL
[71] TEL HASHOMER MEDICAL RESEARCH, INFRASTRUCTURE AND SERVICES LTD., IL
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[86] 2014-07-14 (PCT/IL2014/050634)
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[25] EN
[54] **MOVEMENT-TRIGGERED ACTION FOR MOBILE DEVICE**
[54] **ACTION DECLENCHEE PAR UN DEPLACEMENT POUR DISPOSITIF MOBILE**
[72] MATAS, MICHAEL, US
[71] FACEBOOK, INC., US
[85] 2016-01-13
[86] 2014-07-18 (PCT/US2014/047119)
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[54] **METHODS OF TREATING SPORADIC INCLUSION BODY MYOSITIS**
[54] **PROCEDE DE TRAITEMENT DE LA MYOSITE A CORPS D'INCLUSION SPORADIQUE**
[72] PAPANICOLAOU, DIMITRIS, US
[72] ROUBENOFF, RONENN, US
[72] TSENG, BRIAN, US
[72] GUBSER, CHARLES, CH
[72] GLASS, DAVID, US
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[54] **REALISATION D'ESTIMATIONS DES RESERVES POUR UN RESERVOIR**
[72] EWING, MICHAEL DAVID, US
[72] LUNEBURG, CATALINA MARIA, US
[72] JOHANSON, DAVID BRYAN, US
[72] IGARASHI, SAMMI, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **MULTIPLE LAYER TUBE AND PROCESS OF MAKING THE SAME**
[54] **TUBE MULTICOUCHE ET SON PROCEDE DE FABRICATION**
[72] MINNETTE, JEFFREY C., US
[72] SUN, DAVID D., US
[72] DRISKILL, PHILIP A., US
[72] SURTI, BIRJU A., US
[72] WILLIAMS, JONATHAN K., US
[71] BERRY PLASTICS CORPORATION, US
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[54] **METHOD FOR CULTURING ORGANISMS TO BE CULTURED AND CULTURE SYSTEM THEREFOR**
[54] **METHODE DE CULTURE D'ORGANISME A CULTIVER, ET INSTALLATION DE CULTURE**
[72] NAIKI, TOSHIHITO, JP
[72] KATO, MOTOICHI, JP
[71] YANMAR CO., LTD., JP
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[54] **CHAMBRE D'ASPIRATION FIXE AVEC DEMONTAGE DE JOINTS ARRIERE ET AVANT**
[72] JUAREZ ORTEGA, PEDRO ARTURO, US
[72] NELSON, ANDREW MICHAEL, US
[72] SPICER, ALAN, US
[72] CAMPBELL, MICHAEL DAVID, US
[71] GE OIL & GAS ESP, INC., US
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[54] **PORTE DE MOTEUR ET ENSEMBLE DE VERROUILLAGE**
[72] LIANG, YANTAO, CN
[72] ZHOU, QUAN, CN
[71] MRA SYSTEMS, INC., US
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[54] **BOBINE DE REACTANCE A REFROIDISSEMENT PAR AIR**
[72] TAKAUCHI, DAISUKE, JP
[72] NAKATANI, HAJIME, JP
[72] KURAHASHI, KAZUTOSHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **ELEMENTS DE FIXATION POUR PLATRE ORTHOPEDIQUE**
[72] PATERSON, PAUL DOUGLAS, US
[71] PATERSON, PAUL DOUGLAS, US
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[54] **NANOFIBRIL-POLYMER COMPOSITES**
[54] **COMPOSITES POLYMERE-NANOFIBRILLE**
[72] GARDNER, DOUGLAS J., US
[72] HAN, YOUSOO, US
[72] PENG, YUCHENG, US
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
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[54] **SYSTEMS AND METHODS FOR CONTENT PRESENTATION MANAGEMENT**
[54] **SYSTEMES ET PROCEDES POUR LA GESTION DE LA PRESENTATION DE CONTENU**
[72] HABERMAN, SETH, US
[71] VISIBLE WORLD, INC., US
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[25] EN
[54] **DYNAMIC DECOMPRESSION CONTROL FOR HIGH PRESSURE SEALS**
[54] **COMMANDE DE DECOMPRESSION DYNAMIQUE POUR JOINTS D'ETANCHEITE HAUTE PRESSION**
[72] BLANCHET, SCOTT, US
[71] NUVERA FUEL CELLS, INC., US
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[54] **SYNCHRONIZATION METHOD AND APPARATUS FOR DEVICE TO DEVICE COMMUNICATION IN WIRELSS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE SYNCHRONISATION DESTINES A UNE COMMUNICATION ENTRE DISPOSITIFS DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] JI, HYOUNGJU, KR
[72] KWAK, YONGJUN, KR
[72] KIM, YOUNSUN, KR
[72] RO, SANGMIN, KR
[72] LEE, JUHO, KR
[71] SAMSUNG ELECTRONICS CO., LTD, KR
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[54] **APPARATUS AND METHOD FOR MODULATING SLEEP**
[54] **APPAREIL ET PROCEDE POUR LA MODULATION DU SOMMEIL**
[72] NOFZINGER, ERIC A., US
[72] SCHIRM, JEFFREY J., US
[72] RIPPOLE, DAMIAN F., US
[72] REYNOLDS, CRAIG B., US
[72] TUCKER, ROBERT E., US
[71] CEREVE, INC., US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[25] EN
[54] **AUTO-CLEANING SYSTEM, CLEANING ROBOT AND METHOD OF CONTROLLING THE CLEANING ROBOT**
[54] **SYSTEME AUTONETTOYANT, ROBOT DE NETTOYAGE ET PROCEDE DE COMMANDE DE ROBOT DE NETTOYAGE**
[72] YOON, SANG SIK, KR
[72] CHUNG, WOO RAM, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-01-14
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[51] **Int.Cl. B63C 11/48 (2006.01) G01V 99/00 (2009.01)**
[25] EN
[54] **MONITORING SYSTEM, COMPONENTS, METHODS, AND APPLICATIONS**
[54] **SYSTEME, COMPOSANTS, PROCEDES ET APPLICATIONS DE SURVEILLANCE**
[72] HOPEWELL, WILLIAM, US
[72] THOMPSON, JAMES N., US
[72] BASNIGHT, MATTHEW, US
[72] MORRIS, MICHAEL, US
[71] FAIRFIELD INDUSTRIES INCORPORATED, US
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[30] US (61/847,668) 2013-07-18
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[54] **AIRCRAFT ENGINE PYLON**
[54] **MAT D'ACCROCHAGE DE MOTEUR POUR AERONEF**
[72] KANG, YANXIANG, CN
[72] YUAN, MINGCHAO, CN
[72] FANG, XUELIANG, CN
[71] MRA SYSTEMS, INC., US
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[25] EN
[54] **SHAFT SEAL AND A METHOD OF OPERATING SUCH A SHAFT SEAL**
[54] **GARNITURE D'ETANCHEITE D'ARBRE ET PROCEDE D'ACTIONNEMENT DE LADITE GARNITURE D'ETANCHEITE D'ARBRE**
[72] VAN OPSTAL, TIMOTHY ALEXANDER, NL
[72] KONING, THEODORUS ADRIANUS, NL
[71] IHC HOLLAND IE B.V., NL
[85] 2016-01-14
[86] 2014-07-16 (PCT/NL2014/050486)
[87] (WO2015/009150)
[30] NL (2011179) 2013-07-17

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[51] **Int.Cl. D06M 15/277 (2006.01) D01D 5/00 (2006.01) D01F 8/00 (2006.01) D06M 11/45 (2006.01)**
[25] EN
[54] **IMPROVED WEAR POLYTETRAFLUOROETHYLENE (PTFE) FIBER AND METHOD OF MAKING SAME**
[54] **FIBRE DE POLYTETRAFLUOROETHYLENE (PTFE) A RESISTANCE A L'USURE AMELIOREE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] MOON, CHESTER DARRYL, US
[72] NELSON, ARTHUR RUSSELL, US
[72] GULDSTRAND, TREVOR, US
[72] HUTTO, MATT, US
[71] TORAY FLUOROFIBERS (AMERICA), INC., US
[85] 2016-01-13
[86] 2014-07-25 (PCT/US2014/048210)
[87] (WO2015/017272)
[30] US (13/953,401) 2013-07-29

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[13] A1
[51] **Int.Cl. G01N 15/08 (2006.01)**
[25] EN
[54] **DIGITAL ROCK ANALYSIS SYSTEMS AND METHODS THAT RELIABLY PREDICT A POROSITY-PERMEABILITY TREND**
[54] **SYSTEMES ET PROCEDES D'ANALYSE NUMERIQUE DE ROCHE QUI PREDISENT DE FACON FIABLE UNE TENDANCE A LA POROSITE-PERMEABILITE**
[72] DE PRISCO, GIUSEPPE, US
[72] TOELKE, JONAS, US
[71] INGRAIN, INC., US
[85] 2016-01-14
[86] 2013-08-23 (PCT/US2013/056244)
[87] (WO2014/031882)
[30] US (61/692,541) 2012-08-23
[30] US (13/972,772) 2013-08-21

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[51] **Int.Cl. A61M 5/142 (2006.01)**
[25] EN
[54] **INFUSION PUMP INCLUDING REVERSE LOADING PROTECTION**
[54] **POMPE A PERFUSION COMPRENANT UNE PROTECTION CONTRE LE RETROCHARGEMENT**
[72] ZHU, HONG, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE S.A., CH
[85] 2016-01-14
[86] 2014-06-30 (PCT/US2014/044894)
[87] (WO2015/013009)
[30] US (13/947,193) 2013-07-22

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[51] **Int.Cl. A61K 31/352 (2006.01) A61P 25/00 (2006.01) A61P 25/04 (2006.01) A61P 43/00 (2006.01) C07D 311/22 (2006.01) C07D 311/24 (2006.01) C07D 311/30 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT FOR DISEASE BASED ON INHIBITORY EFFECT OF MACROPHAGE MIGRATION INHIBITORY FACTOR**
[54] **AGENT THERAPEUTIQUE POUR MALADIES SUR LA BASE DE L'EFFET INHIBITEUR DU FACTEUR INHIBITEUR DE MIGRATION MACROPHAGE (MIF)**
[72] TANAKA, KEIICHI, JP
[72] MORIMOTO, KIMIKO, JP
[71] TOYAMA CHEMICAL CO., LTD., JP
[85] 2016-01-14
[86] 2014-07-17 (PCT/JP2014/069026)
[87] (WO2015/008827)
[30] JP (2013-149690) 2013-07-18

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLY**
[54] **ENSEMBLE SOUPAPE**
[72] NORRID, WILLIAM MARK, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-01-13
[86] 2014-07-28 (PCT/US2014/048450)
[87] (WO2015/017337)
[30] US (13/957,925) 2013-08-02

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[51] **Int.Cl. B32B 5/02 (2006.01) B32B 3/12 (2006.01) B32B 13/08 (2006.01) B32B 17/02 (2006.01)**
[25] EN
[54] **ACOUSTICAL STRUCTURE**
[54] **STRUCTURE ACOUSTIQUE**
[72] OLESKE, PETER J., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2016-01-14
[86] 2013-07-15 (PCT/US2013/050542)
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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 1/00 (2006.01) C07K 1/107 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PROTEIN IN WHICH ELECTROSTATIC INTERACTION IS INTRODUCED WITHIN HYDROPHOBIC INTERACTION SITE AND PREPARATION METHOD THEREOF**
[54] **PROTEINE DANS LAQUELLE UNE INTERACTION ELECTROSTATIQUE EST INTRODUITE SUR UN SITE D'INTERACTION HYDROPHOBE ET METHODE DE PREPARATION ASSOCIEE**
[72] KIM, HOEON, KR
[71] IBENTRUS, INC., KR
[85] 2016-01-14
[86] 2014-03-13 (PCT/KR2014/002139)
[87] (WO2014/142591)
[30] US (61/780,390) 2013-03-14

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[51] **Int.Cl. C03C 25/24 (2006.01) C03C 25/32 (2006.01)**
[25] EN
[54] **ANTI-STATIC AGENT FOR GLASS FIBER INSULATION**
[54] **AGENT ANTISTATIQUE DESTINE A L'ISOLATION PAR FIBRE DE VERRE**
[72] ZHENG, GUODONG, US
[72] ASRAR, JAWED, US
[72] BRISTOL, DEREK COOPER, US
[72] THORNING, CASPER, US
[71] JOHNS MANVILLE, US
[85] 2016-01-14
[86] 2013-07-18 (PCT/US2013/051013)
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[25] EN
[54] **SELF-EMULSIFYING COMPOSITION OF .OMEGA.3 FATTY ACID**
[54] **COMPOSITION AUTO-EMULSIFIANTE D'ACIDES GRAS .OMEGA.3**
[72] ITO, HIROMITSU, JP
[72] FUJII, HIROSATO, JP
[72] YAMAGATA, MOTOO, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2016-01-14
[86] 2014-07-17 (PCT/JP2014/069114)
[87] (WO2015/008848)
[30] JP (2013-149662) 2013-07-18

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[25] EN
[54] **AQUEOUS LIQUID COMPOSITIONS**
[54] **COMPOSITIONS LIQUIDES AQUEUSES**
[72] PEREZ-GARCIA, HERIBERTO, MX
[72] ZUNIGA, ARTURO, MX
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-01-14
[86] 2013-08-29 (PCT/US2013/057257)
[87] (WO2015/030768)

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **PATIENT CARE SURVEILLANCE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DES SOINS DES MALADES**
[72] AMARASINGHAM, RUBENDRAN, US
[72] SIVA, VAIDYANATHA, US
[72] SHAH, MONAL, US
[72] SHAH, ANAND, US
[72] OLIVER, GEORGE, US
[72] CHERIAN, PRASEETHA, US
[72] VELAZQUEZ, JAVIER, US
[72] MAYER, PAUL, III, US
[71] PARKLAND CENTER FOR CLINICAL INNOVATION, US
[85] 2016-01-14
[86] 2014-07-09 (PCT/US2014/046029)
[87] (WO2015/009513)
[30] US (61/847,852) 2013-07-18
[30] US (14/326,863) 2014-07-09

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[51] **Int.Cl. C23D 5/00 (2006.01)**
[25] EN
[54] **FAST AND ECONOMICAL METHODS AND APPARATUS FOR MANUFACTURING GLASS LINED METAL OBJECTS BY INDUCTION HEATING**
[54] **PROCEDES ET APPAREIL RAPIDES ET ECONOMIQUES POUR LA FABRICATION D'OBJETS DE METAL REVETUS DE VERRE PAR CHAUFFAGE PAR INDUCTION**
[72] PATEL, GORDHANBHAI, US
[71] PATEL, GORDHANBHAI, US
[85] 2016-01-14
[86] 2014-07-10 (PCT/US2014/046157)
[87] (WO2015/009540)
[30] US (61/856,327) 2013-07-19

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[51] **Int.Cl. E21B 7/08 (2006.01) E21B 4/02 (2006.01)**
[25] EN
[54] **DOWNHOLE ADJUSTABLE BENT MOTOR**
[54] **MOTEUR COUDE AJUSTABLE POUR FOND DE PUITS**
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[72] KUNDAM, RAVI KIRAN, IN
[72] POYYARA, RAGI LOHIDAKSHAN, IN
[72] MEHTA, KRUNAL KANUBHAI, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-14
[86] 2013-08-29 (PCT/US2013/057332)
[87] (WO2015/030776)

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[13] A1
[51] **Int.Cl. C22B 7/00 (2006.01) C22B 13/00 (2006.01) H01M 10/54 (2006.01)**
[25] EN
[54] **METHOD FOR DIRECTLY RECOVERING LEAD OXIDE USED FOR A LEAD-ACID BATTERY NEGATIVE ELECTRODE FROM WASTE LEAD PASTE**
[54] **PROCEDE POUR RECUPERER DIRECTEMENT DE L'OXYDE DE PLOMB UTILISE POUR UNE CATHODE DE BATTERIE AU PLOMB-ACIDE A PARTIR DE DECHETS D'UNE PATE DE PLOMB**
[72] PAN, JUNQING, CN
[72] MA, YONGQUAN, CN
[72] SUN, YANZHI, CN
[72] CAI, XIAOXIANG, CN
[72] NIU, YINJIAN, CN
[72] LIU, XIAOWEI, CN
[72] SONG, SHUANG, CN
[72] CHEN, TIXIAN, CN
[72] CAO, GUOQING, CN
[72] ZHOU, MINGMING, CN
[72] YANG, XINXIN, CN
[72] ZHOU, LONGRUI, CN
[72] YANG, YUNFEI, CN
[71] CHILWEE POWER CO. LTD, CN
[71] BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY, CN
[85] 2016-01-14
[86] 2014-05-27 (PCT/CN2014/078489)
[87] (WO2015/123930)
[30] CN (201410060387.X) 2014-02-21

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[25] EN
[54] **SELF-EMULSIFYING COMPOSITION OF .OMEGA.3 FATTY ACID**
[54] **COMPOSITION AUTO-EMULSIFIANTE D'ACIDE GRAS .OMEGA.3**
[72] KIMURA, SHIGERU, JP
[72] ITO, HIROMITSU, JP
[72] FUJII, HIROSATO, JP
[72] YAMAGATA, MOTOO, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2016-01-14
[86] 2014-07-17 (PCT/JP2014/069115)
[87] (WO2015/008849)
[30] JP (2013-149645) 2013-07-18

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[13] A1
[51] **Int.Cl. C22C 19/05 (2006.01) C22F 1/10 (2006.01)**
[25] EN
[54] **SUPERALLOYS AND COMPONENTS FORMED THEREOF**
[54] **SUPERALLIAGES ET COMPOSANTS FORMES A PARTIR DE CEUX-CI**
[72] MOURER, DAVID PAUL, US
[72] DIDOMIZIO, RICHARD, US
[72] HANLON, TIMOTHY, US
[72] WEI, DANIEL YEUCHING, US
[72] WESSMAN, ANDREW EZEKIEL, US
[72] BAIN, KENNETH REES, US
[72] POWELL, ANDREW MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-01-14
[86] 2014-02-20 (PCT/US2014/017336)
[87] (WO2015/012888)
[30] US (13/948,463) 2013-07-23

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[51] **Int.Cl. G06F 21/32 (2013.01) G06F 3/01 (2006.01) G06F 3/03 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **PALM IDENTIFICATION AND IN-PLACE PERSONALIZED INTERACTIVE DISPLAY**
[54] **IDENTIFICATION DE PAUME ET AFFICHAGE INTERACTIF PERSONNALISE EN PLACE**
[72] MACHO, DUSAN, US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-01-14
[86] 2014-07-11 (PCT/US2014/046331)
[87] (WO2015/009563)
[30] US (13/943,953) 2013-07-17

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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/56 (2006.01)**
[25] EN
[54] **ALL-SUTURE ANCHOR INSERTER**
[54] **INSTRUMENT D'INTRODUCTION D'ANCRAGE DE TOUTE SUTURE**
[72] LOMBARDO, GIUSEPPE, US
[72] MILLER, PETER, US
[72] FITTS, STEVEN, US
[71] LINVATEC CORPORATION, US
[85] 2016-01-14
[86] 2014-03-05 (PCT/US2014/020630)
[87] (WO2014/164113)
[30] US (13/815,577) 2013-03-11

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[13] A1
[51] **Int.Cl. C07D 471/20 (2006.01) A61K 31/437 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **EPHA4 INHIBITORS AS NEUROPROTECTIVE AGENTS**
[54] **INHIBITEURS D'EPHA4 EN TANT QU'AGENTS NEUROPROTECTEURS**
[72] IP, NANCY YUK YU, CN
[72] FU, KIT YU, CN
[72] IP, FANNY CHUI FUN, CN
[72] FU, WING YU, CN
[72] GU, SHUO, CN
[72] HUANG, XUHUI, CN
[72] HUNG, KWOK WANG, CN
[71] THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
[85] 2016-01-14
[86] 2014-07-17 (PCT/CN2014/082386)
[87] (WO2015/007222)
[30] US (61/847,432) 2013-07-17

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[51] **Int.Cl. H01R 13/627 (2006.01) H01R 24/40 (2011.01) H01R 24/70 (2011.01) H01R 13/622 (2006.01) H01R 43/26 (2006.01)**
[25] EN
[54] **RF COAXIAL CONNECTORS**
[54] **CONNECTEURS RF COAXIAUX**
[72] MAURY, MARC A., US
[71] MAURY MICROWAVE, INC., US
[85] 2016-01-14
[86] 2014-07-14 (PCT/US2014/046564)
[87] (WO2015/009637)
[30] US (13/945,685) 2013-07-18

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[13] A1
[51] **Int.Cl. A61K 8/26 (2006.01) A61K 8/02 (2006.01) A61K 8/04 (2006.01) A61K 8/37 (2006.01) A61K 8/891 (2006.01) A61Q 15/00 (2006.01) B65D 83/46 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS DE PULVERISATION D'ANTITRANSPIRANT ET COMPOSITIONS ANTITRANSPIRANTES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-14
[86] 2014-07-15 (PCT/US2014/046575)
[87] (WO2015/009642)
[30] US (61/846,951) 2013-07-16
[30] US (14/307,433) 2014-06-18

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[13] A1
[51] **Int.Cl. G21B 3/00 (2006.01) G21B 1/00 (2006.01)**
[25] EN
[54] **REACTANT, HEATING DEVICE AND HEATING METHOD**
[54] **REACTIF, DISPOSITIF DE CHAUFFAGE, ET PROCEDE DE CHAUFFAGE**
[72] MIZUNO, TADAHIKO, JP
[71] HYDROGEN ENGINEERING APPLICATION & DEVELOPMENT COMPANY, JP
[71] CLEAN PLANET INC., JP
[85] 2016-01-14
[86] 2014-07-18 (PCT/JP2014/069198)
[87] (WO2015/008859)
[30] JP (2013-148987) 2013-07-18
[30] JP (2014-053445) 2014-03-17

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[13] A1
[51] **Int.Cl. G01V 99/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ESTIMATING POROSITY DISTRIBUTION IN SUBTERRANEAN RESERVOIRS**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ESTIMER UNE REPARTITION DE LA POROSITE DANS DES RESERVOIRS SOUTERRAINS**
[72] HRUSKA, MARINA, US
[72] SKALINSKI, MARK TADEUSZ, US
[71] CHEVRON U.S.A. INC., US
[85] 2016-01-14
[86] 2014-03-19 (PCT/US2014/031216)
[87] (WO2015/009338)
[30] US (13/945,690) 2013-07-18

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[13] A1
[51] **Int.Cl. G10L 25/03 (2013.01)**
[25] EN
[54] **UNVOICED/VOICED DECISION FOR SPEECH PROCESSING**
[54] **DECISION NON VOISEE/VOISEE POUR UN TRAITEMENT DE PAROLE**
[72] GAO, YANG, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-01-14
[86] 2014-09-05 (PCT/CN2014/086058)
[87] (WO2015/032351)
[30] US (61/875,198) 2013-09-09
[30] US (14/476,547) 2014-09-03

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[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 7/06 (2006.01) E21B 7/18 (2006.01) E21B 29/02 (2006.01) E21B 29/06 (2006.01) E21B 43/112 (2006.01) E21B 43/117 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CASING ENTRY**
[54] **PROCEDE ET APPAREIL D'ACCES A UN TUBAGE DE PUITS**
[72] ABRANT, CHIP, US
[72] BUTTERFIELD, CHUCK, US
[72] HEISIG, GERALD, US
[71] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[85] 2016-01-14
[86] 2014-07-18 (PCT/US2014/047218)
[87] (WO2015/010034)
[30] US (61/856,395) 2013-07-19

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[51] **Int.Cl. A61K 38/48 (2006.01) C12N 9/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CELIAC SPRUE DISEASE**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA MALADIE C□LIAQUE**
[72] SIEGEL, JUSTIN BLOOMFIELD, US
[72] BAKER, DAVID, US
[72] PULTZ, INGRID SWANSON, US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2016-01-14
[86] 2014-08-13 (PCT/US2014/050835)
[87] (WO2015/023728)
[30] US (61/865,787) 2013-08-14

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[51] **Int.Cl. C22B 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECYCLING LEAD OXIDE-CONTAINING WASTE MATERIAL**
[54] **PROCEDE DE RECYCLAGE DE DECHETS CONTENANT DE L'OXYDE DE PLOMB**
[72] PAN, JUNQING, CN
[72] LIU, XIAOWEI, CN
[72] SUN, YANZHI, CN
[72] MA, YONGQUAN, CN
[72] NIU, YINJIAN, CN
[72] CHEN, TIXIAN, CN
[72] ZHANG, XUAN, CN
[72] CAI, XIAOXIANG, CN
[72] SONG, SHUANG, CN
[72] ZHOU, MINGMING, CN
[72] ZHOU, LONGRUI, CN
[72] CAO, GUOQING, CN
[72] YANG, XINXIN, CN
[72] WANG, JIANGLIN, CN
[72] WU, XIN, CN
[71] CHILWEE POWER CO. LTD, CN
[71] BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY, CN
[85] 2016-01-14
[86] 2014-05-27 (PCT/CN2014/078491)
[87] (WO2015/123931)
[30] CN (201410060146.5) 2014-02-21

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[51] **Int.Cl. G08C 15/06 (2006.01) G01D 11/24 (2006.01)**
[25] EN
[54] **HYBRID POWER MODULE WITH FAULT DETECTION**
[54] **MODULE DE D'ENERGIE HYBRIDE DOTE D'UNE DETECTION DE DEFAILLANCE**
[72] MCGUIRE, CHAD MICHAEL, US
[72] ORTH, KELLY MICHAEL, US
[72] SCHNAARE, THEODORE HENRY, US
[71] ROSEMOUNT INC., US
[85] 2016-01-14
[86] 2014-05-15 (PCT/US2014/038203)
[87] (WO2015/034559)
[30] CN (201310403715.7) 2013-09-06

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[51] **Int.Cl. G01J 5/10 (2006.01)**
[25] EN
[54] **INFRARED SENSOR**
[54] **CAPTEUR INFRAROUGE**
[72] RUD, JASON HAROLD, US
[71] ROSEMOUNT INC., US
[85] 2016-01-14
[86] 2014-08-14 (PCT/US2014/051068)
[87] (WO2015/047578)
[30] US (14/037,963) 2013-09-26

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[13] A1
[51] **Int.Cl. G05D 7/01 (2006.01) F24D 19/10 (2006.01)**
[25] EN
[54] **FLOW-CONTROL VALVE**
[54] **SOUPAPE DE REGULATION DE DEBIT**
[72] LOFFLER, GERHARD, DE
[71] OVENTROP GMBH & CO. KG, DE
[85] 2016-01-14
[86] 2014-07-01 (PCT/DE2014/100223)
[87] (WO2015/010685)
[30] DE (10 2013 107 762.5) 2013-07-22
[30] DE (10 2014 103 051.6) 2014-03-07
[30] DE (10 2014 004 907.8) 2014-04-04
[30] DE (10 2014 004 910.8) 2014-04-04

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[54] **TELEPHONE NETWORK SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR UN RESEAU TELEPHONIQUE**
[72] ZHIDOV, IVAN, US
[72] RINFRET, PETER A., US
[72] KOCHHAR, SUNIR, US
[71] FLYPSI, INC., US
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[25] EN
[54] **APPARATUS AND METHODS FOR MIXING REFORMABLE FUELS AND AN OXYGEN-CONTAINING GAS AND/OR STEAM**
[54] **APPAREIL ET PROCEDES POUR MELANGER DES COMBUSTIBLES REFORMABLES ET UN GAZ ET/OU DE LA VAPEUR CONTENANT DE L'OXYGENE**
[72] FINNERTY, CAINE, US
[72] DEWALD, PAUL, US
[71] WATT FUEL CELL CORP., US
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[54] **METHOD OF IN-LINE TESTING DEVICES AND TESTING APPARATUS**
[54] **PROCEDE PERMETTANT DE TESTER DES DISPOSITIFS EN LIGNE ET APPAREIL D'ESSAI**
[72] PRINZ, HEINO, CH
[71] WILCO AG, CH
[85] 2016-01-14
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[54] **LENSES FOR COSINE CUBED, TYPICAL BATWING, FLAT BATWING DISTRIBUTIONS**
[54] **LENTILLES POUR DISTRIBUTION COSINUSOIDALE CUBIQUE, EN EVENTAIL CLASSIQUE ET EN EVENTAIL PLAT**
[72] CHINNIAH, JEYACHANDRABOSE, US
[72] ALLEN, GARY, US
[72] YODER, BENJAMIN, US
[71] GE LIGHTING SOLUTIONS, LLC, US
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[54] **APPARATUS FOR SPREADING A FLUID ACROSS A SUBSTRATE AND METHOD OF USING THE SAME**
[54] **APPAREIL POUR ETALER UN FLUIDE SUR UN SUBSTRAT ET SON PROCEDE D'UTILISATION**
[72] NORDBERG, JOSHUA, US
[72] CAMPTON, DANIEL, US
[72] QUARRE, STEVEN, US
[72] STEWART, DAVID, US
[71] RARECYTE INC, US
[85] 2016-01-14
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[54] **DEVICE FOR TREATING A CUTANEOUS ULCER**
[54] **DISPOSITIF DE TRAITEMENT D'UNE ULCERATION CUTANEE**
[72] CRACOWSKI, JEAN-LUC, FR
[72] ROUSTIT, MATTHIEU, FR
[72] BLAISE, SOPHIE, FR
[71] UNIVERSITE JOSEPH FOURIER - GRENOBLE 1, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE GRENOBLE, FR
[85] 2016-01-14
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[54] **TEST D'APPLICATION NATIVE**
[72] JOHNSON, MICHAEL DUDLEY, US
[72] TOZER, MATHIEU BENJAMIN, US
[72] ROBERTO, BRENO POMPEU, US
[71] FACEBOOK, INC., US
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[54] **PROCESSUS HARQ COMMUNS**
[72] YERRAMALLI, SRINIVAS, US
[72] LUO, TAO, US
[72] MALLADI, DURGA, US
[72] BHUSHAN, NAGA, US
[72] CHEN, WANSHI, US
[72] WEI, YONGBIN, US
[71] QUALCOMM INCORPORATED, US
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[54] **BLOC DE CONSTRUCTION ET PAROI MURALE COMPOSEE D'AU MOINS DEUX TELS BLOCS SUPERPOSES**
[72] ROSSI, DOMINIQUE, FR
[71] ROSSI, DOMINIQUE, FR
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[25] EN
[54] **PROPPANT TRANSPORT MODEL FOR WELL SYSTEM FLUID FLOW SIMULATIONS**
[54] **MODELE DE TRANSPORT POUR AGENT DE SOUTENEMENT POUR DES SIMULATIONS D'ECOULEMENT DE FLUIDES DANS DES SYSTEMES DE PUITS**
[72] MADASU, SRINATH, US
[72] LIN, AVI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **USE OF AN EPOXIDE AMINE-BASED MULTICOMPONENT MORTAR COMPOSITION**
[54] **UTILISATION D'UN MELANGE DE MORTIER A PLUSIEURS COMPOSANTS A BASE D'EPOXY-AMINE**
[72] DUREAULT, ALEX, FR
[72] JEWITT, STEPHEN, CH
[72] KLONINGER, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **MEMBRES MODIFIES ET CIBLES DE LA FAMILLE DU TNF**
[72] TAVERNIER, JAN, BE
[72] BULTINCK, JENNYFER, BE
[72] PEELMAN, FRANK, BE
[72] UZE, GILLES, FR
[71] CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE MONTPELLIER, FR
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[25] EN
[54] **AEROSOL-GENERATING SYSTEM FOR GENERATING NICOTINE SALT PARTICLES**
[54] **SYSTEME GENERANT UN AEROSOL POUR GENERER DES PARTICULES DE SEL DE NICOTINE**
[72] ZUBER, GERARD, CH
[72] FARINE, MARIE, CH
[72] SILVESTRINI, PATRICK CHARLES, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **SULFAMIDES UTILISES COMME MODULATEURS DES CANAUX SODIUM**
[72] HADIDA-RUAH, SARA SABINA, US
[72] ANDERSON, COREY, US
[72] TERMIN, ANDREAS P., US
[72] BEAR, BRIAN RICHARD, US
[72] ARUMUGAM, VIJAYALAKSMI, US
[72] KRENITSKY, PAUL, US
[72] JOHNSON, JAMES PHILIP, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
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[25] FR
[54] **DEVICE FOR CLEANING THE PIPES OF THE DRINKING WATER CIRCUIT OF AN AIRCRAFT**
[54] **DISPOSITIF DE NETTOYAGE DES CANALISATIONS DU RESEAU D'EAU POTABLE D'UN AERONEF**
[72] BOUKARI, MOROU, FR
[71] PRODOSE, FR
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[25] EN
[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **COMPOSITIONS ET DISPOSITIFS DE PULVERISATION D'ANTIPERSPIRANT**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-14
[86] 2014-07-15 (PCT/US2014/046576)
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[30] US (61/846,951) 2013-07-16
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[54] **AGITATEUR DE FLUIDE A MOUVEMENT ALTERNATIF**
[72] WERTH, ALBERT A., US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[85] 2016-01-14
[86] 2014-07-18 (PCT/US2014/047272)
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[54] **HEAT-STABLE DRY POWDER PHARMACEUTICAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS PHARMACEUTIQUES EN POUDRE SECHE STABLES A LA CHALEUR ET PROCEDES**
[72] FABIO, KARINE, US
[72] GUARNERI, JOSEPH J., US
[72] CURLEY, KIERAN, US
[72] GRANT, MARSHALL L., US
[72] LEONE-BAY, ANDREA, US
[71] MANNKIND CORPORATION, US
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[54] **ANTICORPS HUMANISES COMPRENANT DES REGIONS DETERMINANT LA COMPLEMENTARITE ULTRALONGUES**
[72] BAZIRGAN, OMAR, US
[72] DE LOS RIOS, MIGUEL, US
[71] FABRUS, INC., US
[85] 2016-01-14
[86] 2014-07-18 (PCT/US2014/047315)
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[25] EN
[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS DE PULVERISATION D'ANTITRANSPIRANT ET COMPOSITIONS ANTITRANSPIRANTES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **DIGITAL NETWORKING IN A WELDING SYSTEM**
[54] **CONSTITUTION D'UN RESEAU NUMERIQUE DANS UN SYSTEME DE SOUDAGE**
[72] NELSON, ANDREW D., US
[72] MEHN, PETER DONALD, US
[72] DECOSTER, RANDY ALAN, US
[72] BOROWSKI, JAMES D., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **POMPE ROTATIVE A TROIS CHAMBRES**
[72] HOGAN, TIM PATRICK, US
[71] FLUID MANAGEMENT OPERATIONS LLC, US
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[25] EN
[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS AEROSOLS ET COMPOSITIONS ANTIPERSPIRANTES ASSOCIEES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-14
[86] 2014-07-15 (PCT/US2014/046578)
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[30] US (61/846,951) 2013-07-16
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[54] **CONTAINER INNER SEAL WITH A RELEASABLE PANEL**
[54] **SCELLEMENT INTERIEUR POUR CONTENANT COMPRENANT UN PANNEAU DETACHABLE**
[72] CASSIDY, STEPHEN P., US
[72] BROWN, JOHN J., US
[72] WIENING, HEINZ H., CH
[71] SELIG SEALING PRODUCTS, INC., US
[85] 2016-01-14
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[25] EN
[54] **PPAR-SPARING COMPOUNDS FOR THE TREATMENT OF METABOLIC DISEASES**
[54] **COMPOSES EPARGNANT LES PPAR POUR LE TRAITEMENT DE MALADIES METABOLIQUES**
[72] TANIS, STEVEN P., US
[72] LARSEN, SCOTT D., US
[72] PARKER, TIMOTHY, US
[72] ARTMAN, GERALD D., III, US
[71] METABOLIC SOLUTIONS DEVELOPMENT CO., LLC, US
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[54] **SPRING CLIP BOTTOM LOADING POLYAXIAL BALL AND SOCKET FASTENER**
[54] **DISPOSITIF DE FIXATION A ARTICULATION A ROTULE POLYAXIALE A CHARGEMENT INFERIEUR A BAGUE DE SERRAGE**
[72] DOUBLER, ROBERT L., US
[72] HAMMILL, JOHN E., SR., US
[71] SPINAL LLC, US
[85] 2016-01-14
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[54] **AJUSTEMENT DE NIVEAU DE SERVICE RESEAU SUR LA BASE DE L'UTILISATION**
[72] SELLA, WILLIAM THOMAS, US
[72] CAPUTO, PETE JOSEPH, II, US
[72] SELLA, JAMES MICHAEL, US
[72] TEETS, HAROLD WAYNE, US
[72] EWERT, TRAVIS DUANE, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **PRESSURE-REGULATING FLUID TRANSFER SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRANSFERT DE FLUIDES A PRESSION REGULEE**
[72] CHHIKARA, BHUPINDER, US
[72] LINGUTLA, SRINATH, US
[72] EADS, BRANDON, US
[71] ICU MEDICAL, INC., US
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[54] **ENSEMBLE TOILETTES AUTONETTOYANTES ET SYSTEME**
[72] BUCHER, CHRISTOPHE, US
[72] GROVER, DAVID, US
[72] BARNDT, RONALD, US
[72] SEGGIO, FRANK, US
[72] MCHALE, JAMES, US
[72] CICENAS, CHRIS, US
[72] O'KELLY, MATTHEW, US
[71] AS IP HOLDCO, LLC, US
[85] 2016-01-14
[86] 2014-07-15 (PCT/US2014/046741)
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[30] US (61/846,427) 2013-07-15
[30] US (61/881,948) 2013-09-24
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[54] **DISPOSABLE CALIBRATION END-CAP FOR USE IN A DERMOSCOPE AND OTHER OPTICAL INSTRUMENTS**
[54] **COIFFE D'EXTREMITE D'ETALONNAGE JETABLE S'UTILISANT DANS UN DERMOSCOPE ET D'AUTRES INSTRUMENTS OPTIQUES**
[72] FARKAS, DANIEL L., US
[72] MACKINNON, NICHOLAS, CA
[72] VASEFI, FARTASH, US
[71] FARKAS, DANIEL L., US
[85] 2016-01-14
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[54] **ENCEINTE POURVUE DE CARACTERISTIQUES DE COMMUNICATION SANS FIL**
[72] SMITH, ROBERT CHARLES, US
[72] FRANK, JEFFREY DAVID, US
[71] FRANKLIN ELECTRIC CO., INC., US
[85] 2016-01-14
[86] 2014-07-16 (PCT/US2014/046820)
[87] (WO2015/009805)
[30] US (61/846,729) 2013-07-16
[30] US (61/874,203) 2013-09-05

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[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING LEPTINOTARSA**
[54] **COMPOSITIONS ET METHODES DE LUTTE CONTRE LEPTINOTARSA**
[72] BEATTIE, JODI LYNN, US
[72] CRAWFORD, MICHAEL JOHN, US
[72] EADS, BRIAN DONOVAN, US
[72] FLAGEL, LEX EVAN, US
[72] KAPOOR, MAHAK, US
[72] TAYLOR, CHRISTINA MARIE, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2016-01-14
[86] 2014-07-18 (PCT/US2014/047204)
[87] (WO2015/010026)
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[30] US (61/899,000) 2013-11-01
[30] US (61/980,800) 2014-04-17

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[25] EN
[54] **PARALLELIZED SAMPLE HANDLING**
[54] **MANIPULATION D'ECHANTILLONS EN PARALLELE**
[72] PAN, QICHAO, CN
[72] KARYMOV, MIKHAIL, US
[72] HUYNH, TOAN, US
[72] SAWICKI, GEORGE, US
[72] BEGOLO, STEFANO, US
[72] DU, WENBIN, CN
[72] ISMAGILOV, RUSTEM F., US
[72] MA, LIANG, US
[71] UNIVERSITY OF CHICAGO, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2015-10-15
[86] 2014-04-18 (PCT/US2014/034728)
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[30] US (61/814,090) 2013-04-19
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **TEMPERATURE COMPENSATED ELEMENT**
[54] **ELEMENT COMPENSE EN TEMPERATURE**
[72] LOGINOV, ARTHUR, US
[72] FRISBY, RAY, US
[72] GREENAN, IAIN M., US
[71] TAM INTERNATIONAL, INC., US
[85] 2016-01-14
[86] 2014-07-22 (PCT/US2014/047621)
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[30] US (61/857,092) 2013-07-22

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[25] EN
[54] **DIGITAL PRINTED DUCT TAPE**
[54] **RUBAN ADHESIF EN TOILE A IMPRESSION NUMERIQUE**
[72] STAMATOUKOS, GEORGE, US
[72] FESTA, DANIEL ERIC, SR., US
[72] WILLIAMS, STANLEY, US
[72] HAGOOD, DONALD TERRY, US
[71] SHURTAPE TECHNOLOGIES, LLC, US
[85] 2016-01-14
[86] 2014-07-23 (PCT/US2014/047788)
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[30] US (61/858,481) 2013-07-25
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[51] **Int.Cl. B03D 3/06 (2006.01) C02F 1/52 (2006.01) C02F 1/56 (2006.01)**
[25] EN
[54] **PROCESSES FOR TREATING TAILINGS STREAMS**
[54] **PROCESSUS DE TRAITEMENT DE FLUX DE RESIDUS**
[72] WATSON, PHILLIP, US
[72] STEWART, KRYSTLE, US
[72] MAHMOUDKHANI, AMIR H., US
[72] FENDERSON, THOMAS, US
[71] KEMIRA OYJ, FI
[85] 2016-01-14
[86] 2014-07-23 (PCT/US2014/047844)
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[30] US (61/857,467) 2013-07-23

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[51] **Int.Cl. F04B 49/22 (2006.01) F16K 15/14 (2006.01) F16K 17/00 (2006.01)**
[25] EN
[54] **MULTIPLE PARTS REED VALVE AND METHOD OF MANUFACTURING**
[54] **SOUPAPE A RUBAN A PARTIES MULTIPLES ET PROCEDE DE FABRICATION**
[72] ROSA, JOSE UBALDINO, BR
[71] BARNES GROUP INC., US
[85] 2016-01-14
[86] 2014-07-24 (PCT/US2014/047984)
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[51] **Int.Cl. B01D 35/027 (2006.01) B01D 35/06 (2006.01) B01D 35/147 (2006.01)**
[25] EN
[54] **FILTER DEVICE**
[54] **DISPOSITIF DE FILTRAGE**
[72] STEHLE, GERHARD, DE
[72] BAUTZ, MARCO, DE
[71] RT-FILTERTECHNIK GMBH, DE
[85] 2016-01-15
[86] 2014-06-26 (PCT/EP2014/001741)
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[30] DE (10 2013 011 866.2) 2013-07-16

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[25] EN
[54] **VENTILATION SYSTEM AND ASSOCIATED OPERATING METHOD FOR USE DURING A SERIOUS INCIDENT IN A NUCLEAR PLANT**
[54] **SYSTEME DE VENTILATION ET PROCEDE DE FONCTIONNEMENT ASSOCIE POUR L'UTILISATION PENDANT UN ACCIDENT GRAVE DANS UNE INSTALLATION NUCLEAIRE**
[72] HILL, AXEL, DE
[71] AREVA GMBH, DE
[85] 2016-01-15
[86] 2014-04-29 (PCT/EP2014/058721)
[87] (WO2015/007409)
[30] DE (10 2013 214 230.7) 2013-07-19

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[13] A1
[51] **Int.Cl. E01D 22/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRE-STRESSING A STEEL STRUCTURE, AND A STEEL STRUCTURE PRE-STRESSED THEREBY**
[54] **METHODE DE MISE EN PRECONTRAINTE D'UNE STRUCTURE D'ACIER ET STRUCTURE D'ACIER AINSI PRECONTRAINTE**
[72] MOTAVALLI, MASOUD, CH
[72] GHAFOORI, ELYAS, CH
[71] S&P CLEVER REINFORCEMENT COMPANY AG, CH
[85] 2016-01-14
[86] 2014-04-16 (PCT/CH2014/000049)
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[51] **Int.Cl. F28F 9/02 (2006.01) F28D 1/053 (2006.01)**
[25] EN
[54] **COLLECTION TUBE FOR A HEAT EXCHANGER APPARATUS, A HEAT EXCHANGER APPARATUS AND A METHOD OF EMPTYING A HEAT EXCHANGER APPARATUS**
[54] **TUBE COLLECTEUR POUR DISPOSITIF ECHANGEUR DE CHALEUR, DISPOSITIF ECHANGEUR DE CHALEUR ET PROCEDE DE PURGE D'UN DISPOSITIF ECHANGEUR DE CHALEUR**
[72] BRENTROP, HANSJORG, CH
[72] SCHAUB, TOBIAS, CH
[71] JAEGGI HYBRIDTECHNOLOGIE AG, CH
[85] 2016-01-15
[86] 2014-06-27 (PCT/EP2014/063703)
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[30] EP (13177985.2) 2013-07-25

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[51] **Int.Cl. A61B 17/3207 (2006.01)**
[25] EN
[54] **ROTATIONAL ATHERECTOMY DEVICE WITH EXCHANGEABLE DRIVE SHAFT AND MESHING GEARS**
[54] **DISPOSITIF D'ATHERECTOMIE ROTATIVE COMPRENANT UN ARBRE D'ENTRAINEMENT ECHANGEABLE ET DES ENGRENAGES**
[72] RYDBERG, NICHOLAS W., US
[72] NARVESON, CHRISTOPHER M., US
[72] SMITH, GREGORY H., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2016-01-14
[86] 2014-07-25 (PCT/US2014/048173)
[87] (WO2015/013600)
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[30] US (61/950,402) 2014-03-10
[30] US (14/340,353) 2014-07-24

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[51] **Int.Cl. C12Q 1/48 (2006.01)**
[25] EN
[54] **DIAGNOSTIC IN VITRO METHOD**
[54] **PROCEDE DE DIAGNOSTIC IN VITRO**
[72] SCHWARZ, GUNTER, DE
[72] CSASZAR, JULIKA, DE
[72] SCHAEFFELER, ELKE, DE
[72] SCHWAB, MATTHIAS, DE
[71] UNIVERSITAT ZU KOLN, DE
[71] ROBERT BOSCH GESELLSCHAFT FUR MEDIZINISCHE FORSCHUNG MBH, DE
[85] 2016-01-15
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[30] DE (10 2013 011 995.2) 2013-07-18

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[51] **Int.Cl. G06Q 20/32 (2012.01) G07F 13/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PURCHASE AND DISPENSE FUEL AND OTHER PRODUCTS USING A MOBILE DEVICE WITH IMPROVED USER EXPERIENCE**
[54] **SYSTEME ET PROCEDE D'ACHAT ET DE DISTRIBUTION DE CARBURANT ET D'AUTRES PRODUITS AU MOYEN D'UN DISPOSITIF MOBILE AVEC UNE EXPERIENCE UTILISATEUR AMELIOREE**
[72] BONK, RODNEY A., CA
[72] MILLER, DEVIN F., CA
[72] RUSSELL, BRYANT, US
[72] BOWN, STEPHEN P., GB
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2016-01-14
[86] 2014-07-28 (PCT/US2014/048365)
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[13] A1
[51] **Int.Cl. C07C 67/39 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **PREPARATION OF METHYL METHACRYLATE VIA AN OXIDATIVE ESTERIFICATION PROCESS**
[54] **PREPARATION DE METHACRYLATE DE METHYLE VIA UN PROCEDE D'ESTERIFICATION OXYDATIF**
[72] LIMBACH, KIRK, US
[72] KRAPTCHETOV, DMITRI A., US
[72] FRICK, CHRISTOPHER D., US
[71] ROHM AND HAAS COMPANY, US
[85] 2016-01-14
[86] 2014-07-29 (PCT/US2014/048662)
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[30] US (61/859,539) 2013-07-29

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[13] A1
[51] **Int.Cl. C07D 519/00 (2006.01) A61K 31/437 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **NEW AZABENZIMIDAZOLE DERIVATIVES**
[54] **NOUVEAUX DERIVES D'AZABENZIMIDAZOLE**
[72] HIMMELSBACH, FRANK, DE
[72] LANGKOPF, ELKE, DE
[72] WAGNER, HOLGER, DE
[72] REDEMANN, NORBERT, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2016-01-15
[86] 2014-07-14 (PCT/EP2014/065004)
[87] (WO2015/007669)
[30] EP (13176929.1) 2013-07-17

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[13] A1
[51] **Int.Cl. C07C 67/39 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **PREPARATION OF METHYL METHACRYLATE VIA AN OXIDATIVE ESTERIFICATION PROCESS**
[54] **PREPARATION DE METHACRYLATE DE METHYLE PAR UN PROCEDE D'ESTERIFICATION OXYDATIF**
[72] LIMBACH, KIRK, US
[72] KRAPTCHETOV, DMITRI A., US
[72] FRICK, CHRISTOPHER D., US
[71] ROHM AND HAAS COMPANY, US
[85] 2016-01-14
[86] 2014-07-29 (PCT/US2014/048665)
[87] (WO2015/017436)
[30] US (61/859,544) 2013-07-29

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[13] A1
[51] **Int.Cl. C07C 67/39 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **PREPARATION OF METHYL ACRYLATE VIA AN OXIDATIVE ESTERIFICATION PROCESS**
[54] **PREPARATION D'ACRYLATE DE METHYLE PAR LE BIAIS D'UN PROCEDE D'ESTERIFICATION OXYDATIVE**
[72] LIMBACH, KIRK, US
[72] KRAPTCHETOV, DMITRI A., US
[72] FRICK, CHRISTOPHER D., US
[71] ROHM AND HAAS COMPANY, US
[85] 2016-01-14
[86] 2014-07-29 (PCT/US2014/048667)
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[13] A1
[51] **Int.Cl. B65D 75/00 (2006.01) B65D 81/05 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINERS HAVING IMPROVED SEAM AND METHODS OF MAKING THE SAME**
[54] **CONTENANTS FLEXIBLES A SOUDURE AMELIOREE ET LEURS PROCEDES DE FABRICATION**
[72] STANLEY, SCOTT KENDYL, US
[72] BERG, CHARLES JOHN, JR., US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] ARENT, LEE MATHEW, US
[72] CLARE, BENJAMIN JACOB, US
[72] BOURGEOIS, MARC RICHARD, US
[72] ISHIHARA, TADAYOSHI, US
[72] LESTER, JOSEPH CRAIG, US
[72] RAPACH, ANDREW PAUL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-14
[86] 2014-07-31 (PCT/US2014/049056)
[87] (WO2015/017620)
[30] US (61/861,106) 2013-08-01

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[13] A1
[51] **Int.Cl. B65B 9/02 (2006.01) B65B 31/04 (2006.01) B65D 33/02 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A FLEXIBLE CONTAINER**
[54] **PROCEDE DE FORMATION D'UN RECIPIENT SOUPLE**
[72] STANLEY, SCOTT KENDYL, US
[72] BOURGEOIS, MARC RICHARD, US
[72] CLARE, BENJAMIN JACOB, US
[72] ISHIHARA, TADAYOSHI, US
[72] LESTER, JOSEPH CRAIG, US
[72] RAPACH, ANDREW PAUL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-14
[86] 2014-07-31 (PCT/US2014/049057)
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[30] US (61/861,118) 2013-08-01

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[13] A1
[51] **Int.Cl. A01D 34/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING AND CONTROLLING ACTIVITIES OF AT LEAST ONE GARDENING TOOL WITHIN AT LEAST ONE ACTIVITY ZONE**
[54] **SYSTEME DE SURVEILLANCE ET DE COMMANDE D'ACTIVITES AU MOINS D'UN APPAREIL DE JARDINAGE DANS AU MOINS UNE ZONE D'ACTIVITE**
[72] KOHLER, MORITZ, CH
[72] BOLLIGER, PHILIPP, CH
[72] BACHMANN, LUKAS, CH
[71] HUSQVARNA AB, SE
[85] 2016-01-15
[86] 2014-07-15 (PCT/EP2014/065165)
[87] (WO2015/007740)
[30] DE (10 2013 107 492.8) 2013-07-15

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[13] A1
[51] **Int.Cl. B65D 75/00 (2006.01)**
[25] EN
[54] **ENHANCEMENTS TO TACTILE INTERACTION WITH FILM WALLED PACKAGING HAVING AIR FILLED STRUCTURAL SUPPORT VOLUMES**
[54] **AMELIORATIONS D'INTERACTION TACTILE AVEC UN EMBALLAGE A PAROIS REVETUES DE FILM A VOLUMES DE SUPPORT STRUCTURAL REMPLIS D'AIR**
[72] STANLEY, SCOTT KENDYL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] LESTER, JOSEPH CRAIG, US
[72] RAPACH, ANDREW PAUL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-14
[86] 2014-07-31 (PCT/US2014/049058)
[87] (WO2015/017622)
[30] US (61/861,129) 2013-08-01

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[13] A1
[51] **Int.Cl. A61K 47/48 (2006.01) C08G 65/325 (2006.01) C08G 65/333 (2006.01) C08G 73/00 (2006.01)**
[25] EN
[54] **POLYMER SUITABLE FOR USE IN CELL CULTURE**
[54] **POLYMERE ADAPTE A L'UTILISATION EN CULTURE CELLULAIRE**
[72] ROWAN, ALAN EDWARD, NL
[72] EKSTEEN AKEROYD, ZASKIA HILLET, NL
[72] WILSON, CHRISTOPHER, GB
[72] GEUTJES, PETRUS JOHANNES, NL
[72] FEITZ, WOUTER F.J., NL
[72] OOSTERWIJK, EGBERT, NL
[71] STICHTING KATHOLIEKE UNIVERSITEIT, NL
[85] 2016-01-15
[86] 2014-07-16 (PCT/EP2014/065233)
[87] (WO2015/007771)
[30] EP (13003621.3) 2013-07-18
[30] EP (14153952.8) 2014-02-05

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[13] A1
[51] **Int.Cl. C05G 3/08 (2006.01)**
[25] EN
[54] **NBPT SOLUTIONS FOR PREPARING UREASE INHIBITED UREA FERTILIZERS PREPARED FROM N-SUBSTITUTED MORPHOLINES**
[54] **SOLUTIONS DE NBPT POUR LA PREPARATION D'ENGRAIS A BASE D'UREE INHIBEE PAR L'UREASE PREPARES A PARTIR DE MORPHOLINES N-SUBSTITUEES**
[72] WHITEHURST, GARNETT BROOKS, US
[72] WHITEHURST, BROOKS MORRIS, US
[71] WEYERHAEUSER NR COMPANY, US
[85] 2016-01-14
[86] 2014-08-04 (PCT/US2014/049623)
[87] (WO2015/020967)
[30] US (13/960,196) 2013-08-06

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06T 17/05 (2011.01)**
[25] EN
[54] **IDENTIFYING AND EXTRACTING FAULT BLOCKS IN ONE OR MORE BODIES REPRESENTING A GEOLOGICAL STRUCTURE**
[54] **IDENTIFICATION ET EXTRACTION DE BLOCS FAILLES DANS UN OU PLUSIEURS CORPS REPRESENTANT UNE STRUCTURE GEOLOGIQUE**
[72] LUNEBURG, CATALINA MARIA, US
[72] EWING, MICHAEL DAVID, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-14
[86] 2014-08-15 (PCT/US2014/051278)
[87] (WO2015/023947)
[30] US (61/866,927) 2013-08-16

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[13] A1
[51] **Int.Cl. G03F 7/16 (2006.01) G03F 7/20 (2006.01)**
[25] EN
[54] **METERING APPARATUS FOR THE MANUALLY-CONTROLLED METERING OF A LIGHT-CURING MATERIAL**
[54] **APPAREIL DOSEUR SERVANT A DISTRIBUER MANUELLEMENT UN MATERIAU PHOTODURCISSANT**
[72] OFFERMAN, THOMAS (DECEASED), IT
[71] VIERING, ANKE, DE
[85] 2016-01-15
[86] 2014-07-16 (PCT/EP2014/065291)
[87] (WO2015/007792)
[30] DE (10 2013 107 548.7) 2013-07-16

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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 43/00 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **IDENTIFYING AND EXTRACTING FLUID LAYERS AND FLUID RESERVOIRS IN ONE OR MORE BODIES REPRESENTING A GEOLOGICAL STRUCTURE**
[54] **IDENTIFICATION ET EXTRACTION DE COUCHES DE FLUIDES ET DE RESERVOIRS DE FLUIDES DANS UN OU PLUSIEURS CORPS REPRESENTANT UNE STRUCTURE GEOLOGIQUE**
[72] LUNEBURG, CATALINA MARIA, US
[72] EWING, MICHAEL DAVID, US
[72] JOHANSON, DAVID BRYAN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-14
[86] 2014-08-15 (PCT/US2014/051283)
[87] (WO2015/023950)
[30] US (61/866,927) 2013-08-16

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[51] **Int.Cl. B32B 5/02 (2006.01) B08B 17/06 (2006.01) B32B 27/12 (2006.01) B63B 1/34 (2006.01) D03D 15/00 (2006.01) D06N 3/00 (2006.01) F15D 1/00 (2006.01)**
[25] EN
[54] **FABRIC WITH POLYMER LAYER**
[54] **TISSU COMPORTANT UNE COUCHE POLYMERE A STRUCTURE COTELEE**
[72] SCHMID, HELMUT, DE
[72] EISENREICH, NORBERT, DE
[72] HOMA, PETER, DE
[71] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-15
[86] 2014-07-17 (PCT/EP2014/065347)
[87] (WO2015/007827)
[30] DE (102013214075.4) 2013-07-18

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **CONVERTING RESERVE ESTIMATES IN A RESERVOIR MODEL TO A STANDARD FORMAT FOR DYNAMIC COMPARISON**
[54] **CONVERSION D'ESTIMATIONS DE RESERVES DANS UN MODELE DE RESERVOIR EN UN FORMAT STANDARD EN VUE DE LA COMPARAISON DYNAMIQUE**
[72] EWING, MICHAEL DAVID, US
[72] IGARASHI, SAMMI, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-14
[86] 2014-08-15 (PCT/US2014/051320)
[87] (WO2015/023970)
[30] US (61/866,901) 2013-08-16

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/06 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **STABILIZED ANTIBODY COMPOSITIONS**
[54] **COMPOSITIONS D'ANTICORPS STABILISEES**
[72] GUNTHER, BERNHARD, DE
[72] SCHERER, DIETER, CH
[72] PETTIGREW, ANTHONY, DE
[72] GRAF, GESCHE, DE
[71] NOVALIQ GMBH, DE
[85] 2016-01-15
[86] 2014-07-23 (PCT/EP2014/065840)
[87] (WO2015/011199)
[30] EP (13177699.9) 2013-07-23

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[13] A1
[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **EARTH ALKALI CARBONATE, SURFACE MODIFIED BY AT LEAST ONE POLYHYDROGENSILOXANE**
[54] **CARBONATE D'ALCALINO-TERREUX MODIFIE EN SURFACE PAR AU MOINS UN POLYHYDROGENOSILOXANE**
[72] RENTSCH, SAMUEL, CH
[72] IPPOLITO, FABIO, CH
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-01-15
[86] 2014-08-08 (PCT/EP2014/067044)
[87] (WO2015/028280)
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[51] **Int.Cl. H01R 4/24 (2006.01) H01R 12/51 (2011.01) H01R 12/55 (2011.01)**
[25] EN
[54] **TERMINAL FOR CONTACTING AN ELECTRIC CONDUCTOR**
[54] **TERMINAL PERMETTANT LA MISE EN CONTACT ELECTRIQUE D'UN CONDUCTEUR ELECTRIQUE**
[72] LAPPOHN, JURGEN, DE
[72] MOLITOR, STEFAN, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
[85] 2016-01-15
[86] 2014-07-17 (PCT/DE2014/100263)
[87] (WO2015/010689)
[30] DE (10 2013 012 251.1) 2013-07-24

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
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[54] **DETERMINING AND DISPLAYING RESERVE ESTIMATES FOR A RESERVOIR**
[54] **REALISATION ET AFFICHAGE D'ESTIMATIONS DES RESERVES POUR UN RESERVOIR**
[72] EWING, MICHAEL DAVID, US
[72] LUNEBURG, CATALINA MARIA, US
[72] IGARASHI, SAMMI, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-14
[86] 2014-08-15 (PCT/US2014/051326)
[87] (WO2015/023973)
[30] US (61/866,901) 2013-08-16

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[51] **Int.Cl. H04L 29/08 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DISTRIBUTING DATA CONTENT IN PRIVATE NETWORKS**
[54] **DISTRIBUTION D'UN CONTENU DE DONNEES SUR DES RESEAUX PRIVES**
[72] ROVERSO, ROBERTO, SE
[72] EL-ANSARY, SAMEH, SE
[72] HOGQVIST, MIKAEL, SE
[71] HIVE STREAMING AB, SE
[85] 2016-01-15
[86] 2013-07-17 (PCT/EP2013/065060)
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[51] **Int.Cl. G06K 7/00 (2006.01) G06F 13/42 (2006.01)**
[25] EN
[54] **OPERATING M-PHY BASED COMMUNICATIONS OVER MASS STORAGE-BASED INTERFACES, AND RELATED CONNECTORS, SYSTEMS AND METHODS**
[54] **MISE EN □UVRE DE COMMUNICATIONS BASEES SUR M-PHY SUR DES INTERFACES REPOSANT SUR UNE MEMOIRE DE MASSE, ET CONNECTEURS, SYSTEMES, ET PROCEDES ASSOCIES**
[72] HERSHKO, YUVAL COREY, US
[72] RIMONI, YORAM, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-14
[86] 2014-08-18 (PCT/US2014/051482)
[87] (WO2015/026717)
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[30] US (61/867,353) 2013-08-19
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[51] **Int.Cl. C12Q 1/66 (2006.01) G01N 33/542 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR BIOLUMINESCENCE RESONANCE ENERGY TRANSFER (BRET) ANALYSIS IN A BIOLOGICAL SAMPLE**
[54] **MOYENS ET PROCEDES D'ANALYSE D'UN ECHANTILLON BIOLOGIQUE PAR TRANSFERT D'ENERGIE DE RESONANCE DE BIOLUMINESCENCE (BRET)**
[72] JOHNSSON, KAI PETER, CH
[72] SCHENA, ALBERTO, CH
[72] GRISS, RUDOLF, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
[85] 2016-01-15
[86] 2013-07-18 (PCT/EP2013/065223)
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[25] EN
[54] **CONTAINER HAVING DOOR ASSEMBLY AND MULTIPLE LAYERS OF TRACKS**
[54] **CONTENANT POSSEDANT UN ENSEMBLE DE PORTE ET PLUSIEURS COUCHES DE PISTES**
[72] SANGER, MATTHEW S., US
[71] BRADFORD COMPANY, US
[85] 2016-01-14
[86] 2014-08-19 (PCT/US2014/051592)
[87] (WO2015/031101)
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[25] EN
[54] **SENTIMENT POLARITY FOR USERS OF A SOCIAL NETWORKING SYSTEM**
[54] **POLARITE DE SENTIMENTS POUR DES UTILISATEURS D'UN SYSTEME DE RESEAUTAGE SOCIAL**
[72] ARPAT, GUVEN BURC, US
[72] SHAH, SAIYAD, US
[72] AYYAR, SRIKANT RAMAKRISHNA, US
[71] FACEBOOK, INC., US
[85] 2016-01-14
[86] 2014-08-19 (PCT/US2014/051713)
[87] (WO2015/038297)
[30] US (14/023,136) 2013-09-10

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[51] **Int.Cl. A23N 1/00 (2006.01) A47J 19/02 (2006.01)**
[25] EN
[54] **SQUEEZING SYSTEM**
[54] **SYSTEME DE PRESSAGE**
[72] FLOTATS MOLINAS, ANTONIO, ES
[71] ZUMEX GROUP SA, ES
[85] 2016-01-15
[86] 2013-10-01 (PCT/EP2013/070494)
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[51] **Int.Cl. G03G 15/20 (2006.01)**
[25] EN
[54] **FUSER ASSEMBLY WITH AUTOMATIC MEDIA WIDTH SENSING AND THERMAL COMPENSATION**
[54] **ENSEMBLE FOUR A DETECTION AUTOMATIQUE DE LARGEUR DE SUPPORTS ET COMPENSATION THERMIQUE**
[72] BUSH, CRAIG PALMER, US
[72] CAO, JICHANG, US
[72] DAY, MICHAEL C., US
[72] LUCAS, RUSSELL EDWARD, US
[72] MEADE, ALEXANDER DOUGLAS, US
[72] REAM, GREGORY L., US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2016-01-14
[86] 2014-09-26 (PCT/US2014/057676)
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[30] US (61/883,036) 2013-09-26
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[51] **Int.Cl. A61B 17/3207 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR PERFORMING ATHERECTOMY AND SUBSEQUENT BALLOON ANGIOPLASTY WITHOUT EXCHANGING DEVICES**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR EFFECTUER UNE ATHERECTOMIE SUIVIE D'UNE ANGIOPLASTIE PAR BALLONNET SANS CHANGER DE DISPOSITIF**
[72] MATTISON, RICHARD C., US
[72] KOHLER, ROBERT E., US
[72] SCHOENLE, VICTOR L., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2016-01-14
[86] 2014-07-25 (PCT/US2014/048153)
[87] (WO2015/013590)
[30] US (61/858,881) 2013-07-26
[30] US (61/861,041) 2013-08-01
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[25] EN
[54] **HYPODERMIC NEEDLE DESTRUCTION**
[54] **DESTRUCTION D'AIGUILLE HYPODERMIQUE**
[72] KIRBY, CLIFFORD, GB
[72] DOUCE, NORMAN, GB
[71] NEEDLESMART LTD, GB
[85] 2016-01-15
[86] 2014-07-14 (PCT/GB2014/052135)
[87] (WO2015/011443)
[30] GB (1313209.7) 2013-07-24

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[51] **Int.Cl. G01B 5/00 (2006.01) G01B 21/02 (2006.01)**
[25] EN
[54] **MATERIAL INSPECTION DEVICE**
[54] **DISPOSITIF D'INSPECTION DE MATERIAU**
[72] TURNER, ALAN RAYMOND, GB
[72] CUMMINGS, DAVID MATHEW, GB
[72] NIXON, ANDREW DAVID JOHN, GB
[71] BAE SYSTEMS PLC, GB
[85] 2016-01-15
[86] 2014-07-14 (PCT/GB2014/052138)
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[30] GB (1312841.8) 2013-07-18
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[51] **Int.Cl. B29C 41/14 (2006.01) A41D 19/00 (2006.01) C08F 236/18 (2006.01) C08J 3/26 (2006.01) C08L 13/02 (2006.01)**
[25] EN
[54] **ELASTOMERIC FILM-FORMING COMPOSITIONS AND ARTICLES MADE FROM THE ELASTOMERIC FILM**
[54] **COMPOSITIONS DE FORMATION DE FILM ELASTOMERE ET ARTICLES FABRIQUES A PARTIR DU FILM ELASTOMERE**
[72] FOO, KHON PU, MY
[72] PRABHAKARAN, KUMARESAN, ID
[71] SKINPROTECT CORPORATION SDN BHD, MY
[85] 2016-01-15
[86] 2014-07-16 (PCT/AU2014/000727)
[87] (WO2015/006808)
[30] AU (2013902628) 2013-07-16

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[25] EN
[54] **PLASTIC BODIES AND METHODS OF FORMING PLASTIC BODIES**
[54] **CORPS PLASTIQUES, ET PROCEDES DE FORMATION DE CORPS PLASTIQUES**
[72] HENWOOD, NICHOLAS, GB
[71] ROTOMOTIVE LTD, GB
[85] 2016-01-15
[86] 2014-07-21 (PCT/GB2014/052220)
[87] (WO2015/015164)
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[25] EN
[54] **SECURITY DEVICE AND METHOD OF MANUFACTURE**
[54] **DISPOSITIF DE SECURITE ET PROCEDE DE FABRICATION**
[72] HOLMES, BRIAN, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2016-01-15
[86] 2014-07-25 (PCT/GB2014/052286)
[87] (WO2015/011494)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR DENTAL MINERALIZATION**
[54] **COMPOSITIONS ET PROCEDES POUR MINERALISATION DENTAIRE**
[72] REYNOLDS, ERIC CHARLES, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
[85] 2016-01-15
[86] 2014-07-23 (PCT/AU2014/050144)
[87] (WO2015/010166)
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[51] **Int.Cl. G06F 17/00 (2006.01) H04W 4/02 (2009.01) G06F 19/00 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SMART MEDIA DEVICE ECOSYSTEM USING LOCAL AND REMOTE DATA SOURCES**
[54] **ECOSYSTEME D'UN DISPOSITIF MULTIMEDIA INTELLIGENT UTILISANT DES SOURCES DE DONNEES LOCALES ET DISTANTES**
[72] LUNA, MICHAEL EDWARD SMITH, US
[72] DONALDSON, THOMAS ALAN, GB
[72] PANG, HAWK YIN, US
[71] ALIPHCOM, US
[71] LUNA, MICHAEL EDWARD SMITH, US
[71] DONALDSON, THOMAS ALAN, GB
[71] PANG, HAWK YIN, US
[85] 2016-01-15
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[51] **Int.Cl. B42D 25/00 (2014.01)**
[25] EN
[54] **SECURITY DEVICES AND METHODS OF MANUFACTURE**
[54] **DISPOSITIFS DE SECURITE ET PROCEDES DE FABRICATION**
[72] HOLMES, BRIAN, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2016-01-15
[86] 2014-07-25 (PCT/GB2014/052285)
[87] (WO2015/011493)
[30] GB (1313362.4) 2013-07-26

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[51] **Int.Cl. B02C 13/28 (2006.01) A01F 12/40 (2006.01)**
[25] EN
[54] **APPARATUS TO REDUCE SIZE OF MATERIAL**
[54] **APPAREIL DE REDUCTION DE TAILLE DE MATERIAU**
[72] CALLENS, RONY, FR
[72] SCHROEDER, ERIC, BE
[71] MAYFAIR VERMOGENSVERWALTUNGS SE, DE
[85] 2016-01-15
[86] 2014-08-19 (PCT/EP2014/067650)
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[30] DE (10 2013 217 164.1) 2013-08-28

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[51] **Int.Cl. G03B 31/00 (2006.01) H04N 21/40 (2011.01) H04N 5/74 (2006.01)**
[25] EN
[54] **MEDIA DEVICES CONFIGURED TO INTERFACE WITH INFORMATION APPLIANCES**
[54] **DISPOSITIFS MULTIMEDIAS CONFIGURES POUR FAIRE INTERFACE AVEC DES APPAREILS D'INFORMATIONS**
[72] FULLAM, SCOTT, US
[72] LAUCK, THOMAS ZACHARY, US
[72] CHENG, SYLVIA HOU-YAN, US
[71] ALIPHCOM, US
[71] FULLAM, SCOTT, US
[71] LAUCK, THOMAS ZACHARY, US
[71] CHENG, SYLVIA HOU-YAN, US
[85] 2016-01-15
[86] 2014-05-19 (PCT/US2014/038674)
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[51] **Int.Cl. G06K 19/07 (2006.01) G06F 21/31 (2013.01) A47G 33/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR STORING INFORMATION RELATED TO AN OBJECT**
[54] **PROCEDE ET SYSTEME D'ENREGISTREMENT D'INFORMATIONS RELATIVES A UN OBJET**
[72] HARDEN, ROSS BRENT, CA
[71] THE LEGACY CHIP CORPORATION, CA
[85] 2016-01-15
[86] 2013-08-02 (PCT/CA2013/000685)
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[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **METHOD AND PROGNOSTIC KIT FOR MONITORING MULTIPLE SCLEROSIS (MS)**
[54] **PROCEDE ET TROUSSE DE PRONOSTIC POUR SURVEILLANCE DE SCLEROSE EN PLAQUES (SP)**
[72] GUILLEMIN, GILLES, AU
[72] LIM, CHAI KIAT, AU
[72] BREW, BRUCE JAMES, AU
[71] DIANTI MS LIMITED, GB
[85] 2016-01-15
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[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF IMPLEMENTING FINITE DIFFERENCE TIME DOMAIN MODELS WITH MULTIPLE ACCELERATED PROCESSING COMPONENTS (APCS)**
[54] **SYSTEME ET PROCEDE POUR IMPLEMENTER DES MODELES DE DOMAINE TEMPOREL A DIFFERENCE FINIE AVEC PLUSIEURS COMPOSANTS DE TRAITEMENT ACCELERE (APC)**
[72] JOHNSEN, THOR, US
[72] LODDOCH, ALEXANDER, US
[72] LIU, WEI, US
[71] CHEVRON U.S.A. INC., US
[85] 2016-01-15
[86] 2014-06-03 (PCT/US2014/040592)
[87] (WO2015/009361)
[30] US (13/944,653) 2013-07-17

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[51] **Int.Cl. G06Q 50/02 (2012.01) A01G 23/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING MOVEMENT OF DISEASE**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DU DEPLACEMENT D'UNE MALADIE**
[72] NELSON, TIMOTHY, CA
[71] NELSON, TIMOTHY, CA
[85] 2016-01-15
[86] 2014-07-17 (PCT/CA2014/000571)
[87] (WO2015/006858)
[30] US (61/847,247) 2013-07-17

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[51] **Int.Cl. H02J 9/06 (2006.01) H02J 3/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EFFICIENT POWER DISTRIBUTION AND BACKUP**
[54] **SYSTEME ET PROCEDE DESTINES A LA DISTRIBUTION ET AU SECOURS D'ALIMENTATION EFFICACES**
[72] JAIN, DEEPAK, US
[71] AINET REGISTRY LLC, US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046729)
[87] (WO2015/009741)
[30] US (13/945,648) 2013-07-18

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[51] **Int.Cl. A61K 31/551 (2006.01) C07D 243/08 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF SUVOREXANT AND INTERMEDIATES USEFUL IN THE SYNTHESIS OF SUVOREXANT**
[54] **PROCEDE POUR LA PREPARATION DE SUVOREXANT ET INTERMEDIAIRES UTILES POUR LA SYNTHESE DE SUVOREXANT**
[72] IQBAL, JAVED, IN
[72] DAHANUKAR, VILAS HARESHWAR, IN
[72] ORUGANTI, SRINIVAS, IN
[72] KANDAGATLA, BHASKAR, IN
[71] DR. REDDY'S LABORATORIES LIMITED, IN
[85] 2016-01-15
[86] 2014-07-15 (PCT/IB2014/063115)
[87] (WO2015/008218)
[30] IN (3165/CHE/2013) 2013-07-15

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[51] **Int.Cl. A01H 1/00 (2006.01) A01H 5/00 (2006.01)**
[25] EN
[54] **ENHANCED OIL PRODUCTION AND STRESS TOLERANCE IN PLANTS**
[54] **AUGMENTATION DE LA PRODUCTION D'HUILE ET DE LA TOLERANCE AU STRESS DANS DES PLANTES**
[72] PANDEY, SONA, US
[72] ROY CHOUDHRY, SWARUP, US
[71] DONALD DANFORTH PLANT SCIENCE CENTER, US
[71] PANDEY, SONA, US
[71] ROY CHOUDHRY, SWARUP, US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046757)
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[51] **Int.Cl. A23J 1/20 (2006.01) C07K 1/16 (2006.01) C07K 14/79 (2006.01)**
[25] EN
[54] **EXPANDED BED ADSORPTION METHODS FOR ISOLATION OF BASIC MILK PROTEINS INCLUDING LACTOFERRIN**
[54] **PROCEDES D'ADSORPTION SUR LIT ETENDU POUR L'ISOLEMENT DE PROTEINES LAITIERES BASIQUES COMPRENANT LA LACTOFERRINE**
[72] BANAVARA, DATTATREYA, US
[72] ALVEY, JOHN D., US
[72] PETERS, JOSEPH ANDREW, US
[72] GONZALEZ, JUAN M., US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2016-01-15
[86] 2014-06-20 (PCT/US2014/043328)
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[25] EN
[54] **PROCESS AND CATALYST FOR RESIN HYDROGENATION**
[54] **PROCEDE ET CATALYSEUR D'HYDROGENATION DE RESINES**
[72] SANDEE, ALBERTUS JACOBUS, NL
[72] CHINTADA, JOGESH, NL
[72] TERORDE, ROBERT JOHAN ANDREAS MARIA, NL
[71] BASF CORPORATION, US
[85] 2016-01-15
[86] 2014-07-17 (PCT/IB2014/063181)
[87] (WO2015/008247)
[30] EP (13176876.4) 2013-07-17

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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE FOR INFUSION PRODUCTS**
[54] **CAPSULE DESTINEE A DES PRODUITS D'INFUSION**
[72] MACCHIAVELLI, DAVIDE, IT
[72] RONDELLI, RAFFAELE, IT
[71] MACCHIAVELLI S.R.L., IT
[85] 2016-01-15
[86] 2014-07-25 (PCT/IB2014/063431)
[87] (WO2015/011689)
[30] IT (BO2013A000402) 2013-07-25

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[25] EN
[54] **RESAMPLING FILTERS FOR SCALABLE VIDEO CODING WITH PHASE OFFSET ADJUSTMENT AND SIGNALING OF SAME**
[54] **FILTRES DE RE-ECHANTILLONNAGE POUR CODAGE VIDEO MODULABLE A AJUSTEMENT DE DEPHASAGE ET SIGNALISATION DE CEUX-CI**
[72] MINOO, KOOHYAR, US
[72] BAYLON, DAVID M., US
[72] LUTHRA, AJAY, US
[71] ARRIS ENTERPRISES, INC., US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046763)
[87] (WO2015/009764)
[30] US (61/847,072) 2013-07-16
[30] US (14/332,133) 2014-07-15

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[51] **Int.Cl. C01B 3/06 (2006.01) C01B 17/04 (2006.01) C01B 17/50 (2006.01)**
[25] EN
[54] **SYNGAS PRODUCTION BY CO2 REDUCTION PROCESS**
[54] **OBTENTION DE GAZ DE SYNTHESE PAR UN PROCEDE DE REDUCTION DE CO2**
[72] MANENTI, FLAVIO, IT
[72] PIERUCCI, SAURO, IT
[72] MOLINARI, LUCIO, IT
[71] POLITECNICO DI MILANO, IT
[85] 2016-01-15
[86] 2014-07-31 (PCT/IB2014/063593)
[87] (WO2015/015457)
[30] IT (MI2013A001322) 2013-08-02

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[51] **Int.Cl. G06F 3/0482 (2013.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **OBJECT BASED CONTEXTUAL MENU CONTROLS**
[54] **COMMANDES DE MENU CONTEXTUEL A BASE D'OBJETS**
[72] WILSON, JASON LUKE, US
[72] GAVINI, NAVEEN, US
[72] RAMKUMAR, STEVEN, US
[72] FALZONE, ANTHONY T., US
[71] PINTEREST, INC., US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046770)
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[30] US (61/847,078) 2013-07-16
[30] US (14/331,837) 2014-07-15

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[13] A1
[51] **Int.Cl. A61K 31/202 (2006.01) A23C 9/20 (2006.01) A61K 31/385 (2006.01)**
[25] EN
[54] **METHODS FOR PROMOTING NEURONAL DEVELOPMENT AND/OR HEALTH COMPRISING ADMINISTRATION OF A COMBINATION OF DOCOSAHEXAENOIC ACID AND ALPHA-LIPOIC ACID**
[54] **PROCEDE POUR STIMULER LE DEVELOPPEMENT ET/OU LA SANTE NEURONAL(E) COMPRENANT L'ADMINISTRATION D'UNE COMBINAISON D'ACIDE DOCOSAHEXAENOIQUE ET D'ACIDE ALPHA-LIPOIQUE**
[72] KUANG, CHENZHONG, US
[72] XIAO, YAN, US
[72] POELS, EDUARD K., US
[72] JOUNI, ZEINA, US
[72] HONDMANN, DIRK, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2016-01-15
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[87] (WO2015/009407)
[30] US (13/942,827) 2013-07-16

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[51] **Int.Cl. A61M 25/02 (2006.01)**
[25] EN
[54] **CATHETER-POSITIONING SLIDE COVER CLAMP ASSEMBLY**
[54] **ENSEMBLE DE CLAMP A COUVERCLE COULISSANT DE POSITIONNEMENT DE CATHETER**
[72] KHALAJ, STEVE S., US
[71] AVENT, INC., US
[85] 2016-01-15
[86] 2014-09-03 (PCT/IB2014/064240)
[87] (WO2015/044808)
[30] US (14/037,711) 2013-09-26

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[51] **Int.Cl. F04D 13/08 (2006.01) F04D 29/056 (2006.01) F04D 29/42 (2006.01) F04D 29/44 (2006.01)**
[25] EN
[54] **COMPLIANT ABRASION RESISTANT BEARINGS FOR A SUBMERSIBLE WELL PUMP**
[54] **PALIERS FLEXIBLES RESISTANT A L'ABRASION POUR POMPE DE PUITS SUBERMSIBLE**
[72] TETZLAFF, STEVEN K., US
[72] ADAMS, DAN L., US
[72] MAY, DEWAYNE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-01-15
[86] 2014-06-27 (PCT/US2014/044497)
[87] (WO2015/009428)
[30] US (13/946,651) 2013-07-19

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[13] A1
[51] **Int.Cl. B41J 15/04 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR LABEL PRINTER**
[54] **CARTOUCHE POUR IMPRIMANTE D'ETIQUETTES**
[72] BLOCK, DAVID, US
[72] TAYLOR, MATTHEW M., US
[72] GOLDBERG, J. GERSON, US
[72] RICCOMINI, ROBERT A., US
[72] WHITTALL, CHRIS, US
[72] TURGEL, ARIEL D., US
[72] STEPHANCHICK, ZACHARY G., US
[71] ESSELTE IPR AB, SE
[85] 2016-01-15
[86] 2014-07-16 (PCT/US2014/046883)
[87] (WO2015/009849)
[30] US (61/846,926) 2013-07-16
[30] US (61/846,931) 2013-07-16

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[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) B01D 69/04 (2006.01)**
[25] EN
[54] **GAS EXCHANGER AND ARTIFICIAL LUNG**
[54] **ECHANGEUR DE GAZ ET POUMON ARTIFICIEL**
[72] PALTI, YORAM, IL
[71] PALTI, YORAM, IL
[85] 2016-01-15
[86] 2014-07-15 (PCT/IB2014/002308)
[87] (WO2015/008163)
[30] US (61/846,888) 2013-07-16

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[51] **Int.Cl. B65G 23/00 (2006.01) B65G 43/02 (2006.01)**
[25] EN
[54] **CONVEYOR INSPECTION WITH UNMANNED VEHICLE CARRYING SENSOR STRUCTURE**
[54] **INSPECTION DE TRANSPORTEUR AVEC VEHICULE SANS CONDUCTEUR PORTANT UNE STRUCTURE DE CAPTEUR**
[72] FUHLBRIDGE, THOMAS, US
[72] ROSSANO, GREGORY, US
[72] BOTELHO, EDUARDO, BR
[72] STAAB, HARALD JOSEF, US
[72] ZHANG, GEORGE, US
[72] CHOI, SANG, US
[72] MARTINEZ, CARLOS, US
[71] ABB TECHNOLOGY AG, CH
[85] 2016-01-15
[86] 2014-07-07 (PCT/US2014/045513)
[87] (WO2015/009467)
[30] US (61/846,190) 2013-07-15
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[25] FR
[54] **NOVEL SOLANIDINE-DERIVED COMPOUNDS**
[54] **NOUVEAUX COMPOSES DERIVES DE LA SOLANIDINE**
[72] BEAULIEU, REMI, FR
[72] ATTOUMBRE, JACQUES, FR
[72] GOBERT-DEVEAUX, VIRGINIE, FR
[72] GRAND, ERIC, FR
[72] STASIK, IMANE, FR
[72] KOVENSKY, JOSE, FR
[72] GIORDANENGO, PHILIPPE, FR
[71] UNIVERSITE DE PICARDIE JULES VERNE, FR
[71] SEMENCES INNOVATION PROTECTION RECHERCHE ET ENVIRONNEMENT, FR
[85] 2016-01-15
[86] 2014-07-21 (PCT/FR2014/051871)
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[51] **Int.Cl. E06B 3/66 (2006.01) E06B 3/667 (2006.01)**
[25] EN
[54] **PRESSURE COMPENSATED GLASS UNIT**
[54] **UNITE DE VITRE A PRESSION COMPENSEE**
[72] CLARAHAN, GREGORY L., CA
[71] LITEZONE TECHNOLOGIES INC., CA
[85] 2016-01-15
[86] 2014-07-18 (PCT/CA2014/000598)
[87] (WO2015/006862)
[30] CA (PCT/CA2013/000653) 2013-07-19

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[13] A1
[51] **Int.Cl. G06F 12/0866 (2016.01) G06F 17/30 (2006.01)**
[25] EN
[54] **A METHOD AND PROCESS FOR ENABLING DISTRIBUTING CACHE DATA SOURCES FOR QUERY PROCESSING AND DISTRIBUTED DISK CACHING OF LARGE DATA AND ANALYSIS REQUESTS**
[54] **PROCEDE ET PROCESSUS POUR PERMETTRE DE DISTRIBUER DES SOURCES DE DONNEES DE CACHE POUR TRAITEMENT DE REQUETE ET MISE EN CACHE DISQUE DISTRIBUE DE GRANDES DONNEES ET REQUETES D'ANALYSE**
[72] MOSS, SIMON BYFORD, US
[72] ELKINS, ELIZABETH WINTERS, US
[72] BACHELOR, DOUGLAS WILEY, US
[72] FOUNTAIN, THOMAS C., US
[72] CURBELO, RAUL HUGO, US
[71] PNEURON CORP., US
[85] 2016-01-15
[86] 2013-07-16 (PCT/US2013/050673)
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[30] US (61/672,028) 2012-07-16

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[13] A1
[51] **Int.Cl. B04B 5/08 (2006.01) F25B 11/02 (2006.01) F25B 11/04 (2006.01)**
[25] EN
[54] **CENTRIFUGAL GAS COMPRESSOR METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE COMPRESSEUR A GAZ CENTRIFUGE**
[72] CHERRY, MARK A., US
[72] ALDERMAN, ROBERT A., US
[72] SHILLING, D. HANS, US
[71] ROTATIONAL TROMPE COMPRESSORS, LLC, US
[85] 2016-01-15
[86] 2014-07-09 (PCT/US2014/045853)
[87] (WO2015/009493)
[30] US (61/847,161) 2013-07-17
[30] US (14/280,780) 2014-05-19

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[51] **Int.Cl. H02G 9/02 (2006.01) H02G 5/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR OPERATING AND MONITORING POWER CABLES**
[54] **SYSTEME D'EXPLOITATION ET DE SURVEILLANCE DE CABLES DE PUISSANCE**
[72] BATISTA OLIVEIRA COSTA LEAL, MIGUEL, PT
[71] BATISTA OLIVEIRA COSTA LEAL, MIGUEL, PT
[85] 2016-01-15
[86] 2014-07-09 (PCT/IB2014/062980)
[87] (WO2015/008196)
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[51] **Int.Cl. F15B 1/033 (2006.01) E21B 33/06 (2006.01) F04B 49/035 (2006.01)**
[25] EN
[54] **CHARGING UNIT, SYSTEM AND METHOD FOR ACTIVATING A WELLSITE COMPONENT**
[54] **UNITE DE CHARGE, SYSTEME ET PROCEDE POUR ACTIVER UN COMPOSANT D'EMPLACEMENT DE FORAGE**
[72] MCCULLOCH, DAVID W., US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2016-01-15
[86] 2014-07-09 (PCT/US2014/046027)
[87] (WO2015/009512)
[30] US (13/946,784) 2013-07-19

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[51] **Int.Cl. B65D 75/00 (2006.01) A61L 2/00 (2006.01) B65D 33/02 (2006.01)**
[25] EN
[54] **GAS PERMEABLE STERILIZATION AND SHIPPING PACKAGE SYSTEM FOR MEDICAL PRODUCTS**
[54] **SYSTEME DE STERILISATION ET D'EXPEDITION DE PAQUET PERMEABLE AUX GAZ POUR PRODUITS MEDICAUX.**
[72] GORMAN, SEAN P., US
[71] AVENT, INC., US
[85] 2016-01-15
[86] 2014-09-05 (PCT/IB2014/064290)
[87] (WO2015/044811)
[30] US (14/037,573) 2013-09-26

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[51] **Int.Cl. G01B 11/00 (2006.01)**
[25] EN
[54] **INSPECTION SYSTEM FOR INSPECTING AN OBJECT AND INSPECTION METHOD FOR SAME**
[54] **SYSTEME D'INSPECTION SERVANT A INSPECTER UN OBJET ET PROCEDE D'INSPECTION ASSOCIE**
[72] DESCHENES, JEAN-DANIEL, CA
[72] LAMBERT, PHILIPPE, CA
[72] MARTEL-BRISSON, NICOLAS, CA
[72] QUIRION, SEBASTIEN, CA
[71] POLYRIX INC., CA
[85] 2016-01-15
[86] 2014-07-09 (PCT/CA2014/050651)
[87] (WO2015/006865)
[30] US (61/846,844) 2013-07-16

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[13] A1
[51] **Int.Cl. B41J 3/407 (2006.01)**
[25] EN
[54] **LABEL PRINTER**
[54] **IMPRIMANTE D'ETIQUETTES**
[72] BLOCK, DAVID, US
[72] TAYLOR, MATTHEW M., US
[72] GOLDBERG, J. GENSON, US
[72] RICCOMINI, ROBERT A., US
[72] SHEN, HARDY S., US
[72] HARDEN, DAN, US
[72] WHITTALL, CHRIS, US
[72] TURGEL, ARIEL D., US
[72] STEPHANCHICK, ZACHARY, US
[71] ESSELTE IPR AB, SE
[85] 2016-01-15
[86] 2014-07-16 (PCT/US2014/046901)
[87] (WO2015/009860)
[30] US (61/846,926) 2013-07-16
[30] US (61/846,931) 2013-07-16

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[13] A1
[51] **Int.Cl. B41F 16/00 (2006.01) B44C 1/16 (2006.01) G07F 11/70 (2006.01)**
[25] EN
[54] **INTEGRATED SUBLIMATION TRANSFER PRINTING AND VENDING APPARATUS**
[54] **APPAREIL D'IMPRESSION A TRANSFERT PAR SUBLIMATION INTEGRE**
[72] WILL, GARY EDWARD, US
[72] TARTER, MARK LESLIE, US
[72] SOLACE, BRYAN KEITH, US
[72] HUSS, JAMES FRANCIS, US
[72] SHOENHAIR, JORDAN DANIEL, US
[71] THE HILLMAN GROUP, INC., US
[85] 2016-01-15
[86] 2014-07-17 (PCT/US2014/046944)
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[51] **Int.Cl. G01R 33/48 (2006.01) A61B 5/0456 (2006.01) A61B 5/055 (2006.01) G01R 33/567 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING DIASTASIS TIMING USING AN MRI SEPTAL SCOUT**
[54] **PROCEDE DE SYNCHRONISATION DE DIASTASIS A L'AIDE DE REPERAGE DE MOUVEMENT SEPTAL EN IRM**
[72] LIU, GARRY, CA
[72] WRIGHT, GRAHAM, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[85] 2016-01-15
[86] 2014-07-31 (PCT/CA2014/050725)
[87] (WO2015/024110)
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[13] A1
[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **SYRINGES FOR SEQUENTIAL DELIVERY OF INJECTABLES**
[54] **SERINGUE POUR ADMINISTRATION SEQUENTIELLE DE PRODUITS INJECTABLES**
[72] SHETTY, GAUTAM N., US
[72] WETZEL, LANCE W., US
[72] CASTAGNA, LOU, US
[71] UNITRACT SYRINGE PTY LTD, AU
[85] 2016-01-15
[86] 2014-07-16 (PCT/US2014/046909)
[87] (WO2015/009866)
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[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/06 (2006.01)**
[25] EN
[54] **LABYRINTH CHAMBER WITH HELICAL BLADE FOR A SUBMERSIBLE WELL PUMP AND METHOD OF USE**
[54] **CHAMBRE A CHICANE A LAME HELICOIDALE POUR POMPE DE PUITS SUBMERSIBLE, ET PROCEDE D'UTILISATION**
[72] PYRON, STEVEN W., US
[72] BIERIG, KEVIN R., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-01-15
[86] 2014-07-17 (PCT/US2014/047004)
[87] (WO2015/009917)
[30] US (61/847,382) 2013-07-17
[30] US (14/333,090) 2014-07-16

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[13] A1
[51] **Int.Cl. A61B 18/12 (2006.01)**
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[54] **BIPOLAR SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL BIPOLAIRE**
[72] DING, WEIJIANG, CN
[72] YI, PEIXIONG, CN
[72] SHEN, XIUCHENG, CN
[72] KERR, DUANE E., US
[72] SYED, SARFRAZ AHAMED, CN
[71] COVIDIEN LP, US
[85] 2016-01-15
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[13] A1
[51] **Int.Cl. G01N 1/22 (2006.01) G01N 1/10 (2006.01)**
[25] FR
[54] **GAS SAMPLING DEVICE AND FILLING STATION COMPRISING SUCH A DEVICE**
[54] **DISPOSITIF D'ECHANTILLONNAGE DE GAZ ET STATION DE REMPLISSAGE COMPRENANT UN TEL DISPOSITIF**
[72] CARTEAU, DAVID, FR
[72] MAUVAIS, PATRICK, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2016-01-15
[86] 2014-07-30 (PCT/FR2014/051982)
[87] (WO2015/036669)
[30] FR (1358752) 2013-09-12

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[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/071 (2010.01) A61F 2/28 (2006.01) A61K 35/32 (2015.01)**
[25] EN
[54] **METHODS FOR PRODUCING CARTILAGE AND BONE**
[54] **PROCEDES DE PRODUCTION DE CARTILAGE ET D'OS**
[72] KUO, ALFRED, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2016-01-15
[86] 2013-07-18 (PCT/US2013/051022)
[87] (WO2014/015109)
[30] US (61/673,903) 2012-07-20

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/506 (2006.01) A61P 31/04 (2006.01) A61P 31/06 (2006.01)**
[25] EN
[54] **AZAINDOLE COMPOUNDS, SYNTHESIS THEREOF, AND METHODS OF USING THE SAME**
[54] **COMPOSES D'AZA-INDOLE, LEUR SYNTHESE ET PROCEDES POUR LES UTILISER**
[72] SHIRUDE, PRAVIN S., IN
[72] NAIK, MARUTI N., IN
[72] SHINDE, VIKAS NARAYAN, IN
[72] PEER MOHAMED, SHAHUL HAMEED, IN
[72] CHATTERJI, MONALISA, IN
[72] SHANDIL, RADHA K., IN
[71] GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT, US
[71] FOUNDATION FOR NEGLECTED DISEASE RESEARCH, IN
[85] 2016-01-15
[86] 2014-07-10 (PCT/US2014/046100)
[87] (WO2015/009525)
[30] IN (3196/CHE/2013) 2013-07-17
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[51] **Int.Cl. H05B 6/06 (2006.01)**
[25] EN
[54] **HIGH-FREQUENCY HEATING DEVICE AND POWER SUPPLY CONTROL METHOD AND POWER SUPPLY CONTROL APPARATUS FOR SAME**
[54] **DISPOSITIF DE CHAUFFAGE A HAUTE FREQUENCE AINSI QUE PROCEDE DE COMMANDE D'ALIMENTATION ELECTRIQUE ET APPAREIL DE COMMANDE D'ALIMENTATION ELECTRIQUE POUR CE DERNIER**
[72] HUANG, BIN, CN
[72] CHEN, XINGCHAO, CN
[72] ZHENG, NIANZHONG, CN
[71] MIDEA GROUP CO., LTD., CN
[71] GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD., CN
[85] 2016-01-15
[86] 2013-09-13 (PCT/CN2013/083462)
[87] (WO2015/007014)
[30] CN (201310304343.2) 2013-07-17

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06T 17/05 (2011.01)**
[25] EN
[54] **IDENTIFYING MATCHING PROPERTIES BETWEEN A GROUP OF BODIES REPRESENTING A GEOLOGICAL STRUCTURE AND A TABLE OF PROPERTIES**
[54] **IDENTIFICATION DE PROPRIETES CORRESPONDANTES ENTRE UN GROUPE DE CORPS REPRESENTANT UNE STRUCTURE GEOLOGIQUE ET UNE TABLE DE PROPRIETES**
[72] EWING, MICHAEL DAVID, US
[72] IGARASHI, SAMMI, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-15
[86] 2014-08-15 (PCT/US2014/051292)
[87] (WO2015/023954)
[30] US (61/866,927) 2013-08-16

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61F 2/95 (2013.01) B29C 55/22 (2006.01)**
[25] EN
[54] **MICROCATHETER WITH MODIFIED PTFE LINER**
[54] **MICROCATHETER A REVETEMENT INTERNE EN PTFE MODIFIE**
[72] DINH, JAMES Q., US
[72] VALKO, JEFFREY J., US
[72] STRAUSS, BRIAN M., US
[72] PERALTA, ADRIANA X., US
[71] COVIDIEN LP, US
[85] 2016-01-15
[86] 2014-07-10 (PCT/US2014/046234)
[87] (WO2015/009548)
[30] US (13/943,277) 2013-07-16

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[13] A1
[51] **Int.Cl. A61K 31/085 (2006.01) A61K 8/02 (2006.01) A61K 31/045 (2006.01) A61K 31/09 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **TOPICAL SANITIZING FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS TOPIQUES DE DESINFECTION ET UTILISATIONS ASSOCIEES**
[72] COZEAN, JESSE, US
[72] COZEAN, COLETTE, US
[72] GOLDSBERRY, SUSAN, US
[71] INNOVATIVE BIODEFENSE, INC., US
[85] 2016-01-15
[86] 2013-07-19 (PCT/US2013/051398)
[87] (WO2014/018417)
[30] US (61/674,779) 2012-07-23

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[13] A1
[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE AND APPLICATION THEREOF**
[54] **INSTRUMENT MEDICAL ET SON APPLICATION**
[72] WAN, PING, CN
[71] WAN, PING, CN
[85] 2016-01-15
[86] 2014-06-12 (PCT/CN2014/079705)
[87] (WO2015/007121)
[30] CN (201310301366.8) 2013-07-18

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G01V 99/00 (2009.01) G06T 17/05 (2011.01)**
[25] EN
[54] **GENERATING A CUSTOM RESERVOIR FROM MULTIPLE COMPARTMENTS REPRESENTING ONE OR MORE GEOLOGICAL STRUCTURES**
[54] **GENERATION D'UN RESERVOIR PERSONNALISE A PARTIR DE PLUSIEURS COMPARTIMENTS REPRESENTANT UNE OU PLUSIEURS STRUCTURES GEOLOGIQUES**
[72] LUNEBURG, CATALINA MARIA, US
[72] EWING, MICHAEL DAVID, US
[72] IGARASHI, SAMMI, US
[72] JOHANSON, DAVID BRYAN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-15
[86] 2014-08-15 (PCT/US2014/051297)
[87] (WO2015/023956)
[30] US (61/866,927) 2013-08-16

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[51] **Int.Cl. F16H 7/04 (2006.01) F03B 13/16 (2006.01) F16D 41/06 (2006.01) F16H 7/08 (2006.01) F16H 55/36 (2006.01)**
[25] EN
[54] **POWER CONVERSION DEVICE**
[54] **DISPOSITIF DE CONVERSION DE PUISSANCE**
[72] SUNG, YONGJUN, KR
[72] KIM, JUNGHEE, KR
[72] LEE, DONGGEON, KR
[71] INGINE, INC., KR
[85] 2016-01-15
[86] 2014-04-21 (PCT/KR2014/003465)
[87] (WO2015/016457)
[30] KR (10-2013-0091243) 2013-07-31
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[54] **INGESTIBLE CANKER SORE TREATMENT**
[54] **TRAITEMENT POUR APHTES INGERABLE**
[72] LEE, PLATO CHUN-CHIH, US
[72] DIETRICH, ARTHUR JOSEPH, US
[71] LEE, PLATO CHUN-CHIH, US
[71] DIETRICH, ARTHUR JOSEPH, US
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[54] **PUCCH RESOURCE MAPPING AND HARQ-ACK FEEDBACK**
[54] **MAPPAGE DE RESSOURCES PUCCH ET RETOUR D'UN ACK HARQ**
[72] WEI, CHAO, US
[72] CHEN, WANSHI, US
[72] ZHANG, XIAOXIA, US
[72] WANG, NENG, US
[72] XU, HAO, US
[72] GAAL, PETER, US
[71] QUALCOMM INCORPORATED, US
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[51] **Int.Cl. G06F 19/00 (2011.01) G06T 17/05 (2011.01)**
[25] EN
[54] **DYNAMICALLY UPDATING COMPARTMENTS REPRESENTING ONE OR MORE GEOLOGICAL STRUCTURES**
[54] **ACTUALISATION DYNAMIQUE DE COMPARTIMENTS REPRESENTANT UNE OU PLUSIEURS STRUCTURES GEOLOGIQUES**
[72] LUNEBURG, CATALINA MARIA, US
[72] EWING, MICHAEL DAVID, US
[72] IGARASHI, SAMMI, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **THERAPEUTICALLY ACTIVE COMPOUNDS AND USE THEREOF**
[54] **COMPOSES THERAPEUTIQUEMENT ACTIFS ET UTILISATION DE CEUX-CI**
[72] LEMIEUX, RENE M., US
[72] POPOVICI-MULLER, JANETA, US
[72] TRAVINS, JEREMY M., US
[72] CAI, ZHENWEI, US
[72] CUI, DAWEI, CN
[72] ZHOU, DING, CN
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2016-01-15
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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/071 (2010.01) A61K 9/127 (2006.01)**
[25] EN
[54] **METHOD AND CULTURE MEDIUM FOR IN VITRO CULTURING OF STEM CELLS**
[54] **PROCEDE ET MILIEU DE CULTURE PERMETTANT DE CULTIVER IN VITRO DES CELLULES SOUCHES**
[72] TEN BERGE, DERK, NL
[72] CORNELISSEN, JOHANNES JACOBUS, NL
[72] TUYSUZ, NESRIN, NL
[72] STORM, GERRIT, NL
[71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL
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[25] EN
[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS AEROSOLS ET COMPOSITIONS ANTIPERSPIRANTES ASSOCIEES**
[72] MENON, ELTON LUIS, US
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046579)
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[30] US (61/847,047) 2013-07-16
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[51] **Int.Cl. G06F 13/26 (2006.01)**
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[54] **METHOD TO MINIMIZE THE NUMBER OF IRQ LINES FROM PERIPHERALS TO ONE WIRE**
[54] **PROCEDE POUR RENDRE MINIMAL LE NOMBRE DE LIGNES IRQ DEPUIS DES PERIPHERIQUES VERS UN FIL**
[72] SENGOKU, SHOICHIRO, US
[72] WIETFELDT, RICHARD DOMINIC, US
[72] WILEY, GEORGE ALAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-15
[86] 2014-08-19 (PCT/US2014/051758)
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[30] US (61/869,673) 2013-08-24
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[54] **ANTIPERSPIRANT SPRAY DEVICES AND COMPOSITIONS**
[54] **DISPOSITIFS AEROSOLS ET COMPOSITIONS ANTIPERSPIRANTES ASSOCIEES**
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[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTOR & GAMBLE COMPANY, US
[85] 2016-01-15
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[54] **PINCE CHIRURGICALE**
[72] EDMONDSON, BRYCE, US
[72] GRAMES, CLAYTON, US
[72] BOWEN, LANDEN, US
[72] CALL, ERIC, US
[72] BATEMAN, TERRI, US
[72] MAGLEBY, SPENCER, US
[72] HOWELL, LARRY, US
[71] BRIGHAM YOUNG UNIVERSITY, US
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[54] **DYNAMIC OPERATOR BEHAVIOR ANALYZER**
[54] **ANALYSEUR DYNAMIQUE DU COMPORTEMENT D'UN CONDUCTEUR**
[72] MANCI, LEWIS H., US
[72] SWIFT, PHILIP W., US
[72] WALTZ, LUCAS B., US
[71] CROWN EQUIPMENT CORPORATION, US
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[54] **ELECTRONIC HYGIENE SYSTEM FOR THE COOLERS**
[54] **SYSTEME D'HYGIENE ELECTRONIQUE POUR DISPOSITIFS REFRIGERANTS**
[72] KINAYMAN, AHMET MUHTAR, TR
[71] KINAYMAN, AHMET MUHTAR, TR
[85] 2016-01-15
[86] 2014-04-30 (PCT/TR2014/000191)
[87] (WO2015/009252)
[30] TR (2013/08516) 2013-07-15

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[51] **Int.Cl. G02B 27/28 (2006.01) C01F 17/00 (2006.01) C04B 35/50 (2006.01)**
[25] EN
[54] **MAGNETO-OPTICAL MATERIAL, METHOD FOR PRODUCING SAME AND MAGNETO-OPTICAL DEVICE**
[54] **MATERIAU MAGNETO-OPTIQUE, SON PROCEDE DE PRODUCTION ET DISPOSITIF MAGNETO-OPTIQUE**
[72] IKARI, MASANORI, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
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[54] **ANTI-STALL MECHANISM**
[54] **MECANISME ANTI-CALAGE DU MOTEUR**
[72] KEDARE, ANAND BHAGWAT, IN
[72] SONAR, SANDIP SATISH, IN
[72] PUROHIT, ANKIT, IN
[72] KSHIRSAGAR, MUKESH BHASKAR, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **REINFORCED PACKAGE**
[54] **EMBALLAGE RENFORCE**
[72] FITZWATER, KELLY R., US
[72] STRAND, SCOTT THOMAS, US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2016-01-15
[86] 2014-09-25 (PCT/US2014/057385)
[87] (WO2015/048242)
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[54] **A METHOD FOR REDUCING BLUR OF TDI-CCD CAMERA IMAGES**
[54] **PROCEDE POUR REDUIRE LE DEGRE DE FLOU D'UNE CAMERA TDI-CCD**
[72] QIN, JUN, CN
[72] HE, YINAN, CN
[71] SOUTHWEST JIAOTONG UNIVERSITY, CN
[85] 2016-01-18
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[54] **SELECTIVE CHROMING**
[54] **CHROMAGE SELECTIF**
[72] CASE, RYAN R., US
[72] WEST, MICHAEL A., US
[72] ARAYA, LASTAWORK, CA
[71] MAGNA INTERNATIONAL INC., CA
[85] 2016-01-15
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[25] EN
[54] **IRON-CORROSION INHIBITION METHOD AND WOOD TREATMENT METHOD**
[54] **PROCEDE D'INHIBITION DE LA CORROSION DU FER, ET PROCEDE DE TRAITEMENT DU BOIS**
[72] MATSUMURA, KENTA, JP
[71] KATAYAMA CHEMICAL INC., JP
[85] 2016-01-18
[86] 2014-07-17 (PCT/JP2014/068977)
[87] (WO2015/008811)
[30] JP (2013-150778) 2013-07-19
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[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/56 (2006.01) A01P 13/02 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRAZOLYLPYRAZOLE DERIVATIVE AND USE OF SAME AS HERBICIDE**
[54] **DERIVE PYRAZOLYLPYRAZOLE SUBSTITUE ET UTILISATION DE CELUI-CI COMME HERBICIDE**
[72] MATSUBARA, KEN, JP
[72] NIINO, MAKOTO, JP
[71] KYOYU AGRI CO., LTD., JP
[85] 2016-01-18
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[51] **Int.Cl. E21B 19/18 (2006.01) E21B 33/10 (2006.01) F16J 15/16 (2006.01)**
[25] EN
[54] **HIGH-TEMPERATURE LUBRICANTS COMPRISING ELONGATED CARBON NANOPARTICLES FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **LUBRIFIANTS A HAUTE TEMPERATURE COMPRENANT DES NANOPARTICULES DE CARBONE ALLONGEES EN VUE D'UNE UTILISATION DANS DES OPERATIONS DE FORMATION SOUTERRAINE**
[72] SUI, PING, US
[72] DUCKWORTH, DAVID, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-15
[86] 2013-08-30 (PCT/US2013/057530)
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[25] EN
[54] **TARGETED MODIFIED IL-1 FAMILY MEMBERS**
[54] **MEMBRES DE LA FAMILLE IL-1 MODIFIES CIBLES**
[72] TAVERNIER, JAN, BE
[72] GERLO, SARAH, BE
[72] PEELMAN, FRANK, BE
[72] UZE, GILLES, FR
[71] VIB VZM, BE
[71] UNIVERSITEIT GENT, BE
[71] CENTRE NATIONALE DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE MONTPELLIER 2, FR
[71] CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE MONTPELLIER, FR
[85] 2016-01-18
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[30] EP (13306047.5) 2013-07-19

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[51] **Int.Cl. B03B 9/00 (2006.01) B01D 21/00 (2006.01) C22B 11/00 (2006.01)**
[25] EN
[54] **PROCEDURE FOR EFFICIENT RECOVERY OF DIAMONDS, GOLD FROM TAILINGS**
[54] **PROCEDE DE RECUPERATION EFFICACE DE DIAMANTS, D'OR A PARTIR DE PRODUITS DE QUEUES**
[72] SASSO, CLAUDIO, IT
[72] SAMAROO, MAHENDRA, CA
[71] SASSO, CLAUDIO, IT
[85] 2016-01-18
[86] 2014-07-21 (PCT/CA2014/000577)
[87] (WO2015/006861)
[30] GB (1313093.5) 2013-07-19

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[51] **Int.Cl. H03M 13/19 (2006.01) H03M 13/27 (2006.01)**
[25] EN
[54] **DATA PROCESSING DEVICE AND DATA PROCESSING METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] IKEGAYA, RYOJI, JP
[72] YAMAMOTO, MAKIKO, JP
[72] SHINOHARA, YUJI, JP
[71] SONY CORPORATION, JP
[85] 2016-01-18
[86] 2015-05-08 (PCT/JP2015/063250)
[87] (WO2015/178212)
[30] JP (2014-104806) 2014-05-21

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[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/50 (2006.01) C09K 8/588 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SOLIDS FREE GELLABLE TREATMENT FLUIDS**
[54] **FLUIDES DE TRAITEMENT GELIFIABLES DEPOURVUS DE MATIERES SOLIDES**
[72] GAMAGE, PUBUDU H., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-15
[86] 2013-09-03 (PCT/US2013/057848)
[87] (WO2015/034466)

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[51] **Int.Cl. G01V 1/36 (2006.01)**
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[54] **PREDICTING INTERBED MULTIPLES IN SEISMIC DATA USING BEAM DECOMPOSITION**
[54] **PREDICTION DE MULTIPLES D'INTERSTRATES DANS DES DONNEES SISMIQUES EN UTILISANT LA DECOMPOSITION DE FAISCEAU**
[72] NEMETH, TAMAS, US
[72] TEGTMEIER-LAST, SANDRA, US
[72] HILL, N. ROSS, US
[72] WANG, YUE, US
[72] AKERBERG, PEETER, US
[72] HUANG, SHOUJIAN, US
[71] CHEVRON U.S.A. INC., US
[85] 2016-01-15
[86] 2014-03-14 (PCT/US2014/027366)
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[30] US (13/951,108) 2013-07-25

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[51] **Int.Cl. G10L 21/0388 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DECODING AND ENCODING AN AUDIO SIGNAL USING ADAPTIVE SPECTRAL TILE SELECTION**
[54] **APPAREIL ET PROCEDE POUR DECODER ET CODER UN SIGNAL AUDIO PAR SELECTION ADAPTATIVE DE CARREAUX SPECTRAUX**
[72] NEUKAM, CHRISTIAN, DE
[72] DISCH, SASCHA, DE
[72] NAGEL, FREDERIK, DE
[72] NIEDERMEIER, ANDREAS, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] THOSHKAHNA, BALAJI NAGENDRAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUND DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-18
[86] 2014-07-15 (PCT/EP2014/065116)
[87] (WO2015/010952)
[30] EP (13177350.9) 2013-07-22
[30] EP (13177353.3) 2013-07-22
[30] EP (13177348.3) 2013-07-22
[30] EP (13177346.7) 2013-07-22
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[51] **Int.Cl. D04H 3/00 (2012.01)**
[25] EN
[54] **SPUN-LAID WEBS WITH AT LEAST ONE OF LOFTY, ELASTIC AND HIGH STRENGTH CHARACTERISTICS**
[54] **BANDES FILEES-NON TISSEE AVEC AU MOINS UNE PARMI DES PROPRIETES GONFLANTES, ELASTIQUES ET DE HAUTE TENACITE**
[72] WILKIE, ARNOLD, US
[72] BRANG, JAMES, US
[72] HAGGARD, JEFFREY, US
[72] DE LA HOZ, ANGEL ANTONIO, US
[71] HILLS INC., US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046669)
[87] (WO2015/009707)
[30] US (61/846,152) 2013-07-15
[30] US (61/986,465) 2014-04-30

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[13] A1
[51] **Int.Cl. G02B 6/36 (2006.01)**
[25] EN
[54] **POWER AND OPTICAL FIBER INTERFACE**
[54] **INTERFACE ALIMENTATION ET FIBRE OPTIQUE**
[72] HUEGERICH, THOMAS P., US
[72] KACHMAR, WAYNE M., US
[72] FLAIG, ROBERT CHARLES, US
[72] BRETZ, DWIGHT A., US
[71] ADC TELECOMMUNICATIONS, INC., US
[71] TYCO ELECTRONICS CORPORATION, US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046678)
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[51] **Int.Cl. B62D 25/00 (2006.01)**
[25] EN
[54] **FLOOR FOR A VEHICLE AND ITS METHOD FOR PRODUCTION, AND VEHICLE WITH SUCH FLOOR**
[54] **PLANCHER POUR VEHICULE ET SON PROCEDE DE PRODUCTION ET VEHICULE EQUIPE DUDIT PLANCHER**
[72] HANSEN, FINN, DK
[71] VBI MINIBUS & COMPONENTS APS, DK
[85] 2016-01-18
[86] 2014-07-04 (PCT/DK2014/050201)
[87] (WO2015/007288)
[30] DK (PA 2013 70408) 2013-07-19

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[25] EN
[54] **ANTI-TUBERCULOSIS STABLE PHARMACEUTICAL COMPOSITION IN A FORM OF A DISPERSIBLE TABLET COMPRISING GRANULES OF ISONIAZID AND GRANULES OF RIFAPENTINE AND ITS PROCESS OF PREPARATION**
[54] **COMPOSITION PHARMACEUTIQUE STABLE ANTI-TUBERCULOSE SOUS LA FORME D'UN COMPRIMEE DISPERSIBLE COMPRENANT DES GRANULES D'ISONIAZIDE ET DES GRANULES DE RIFAPENTINE, ET SON PROCEDE DEPREPARATION**
[72] DILIP, PRAJAPATI, FR
[72] KUM, PRASAD, FR
[72] PRAVEEN, KHULLAR, FR
[72] RAMESH, KUMAR, FR
[72] SHAKTI, KUMAR, FR
[71] SANOFI, FR
[85] 2016-01-18
[86] 2014-07-22 (PCT/EP2014/065762)
[87] (WO2015/011162)
[30] IN (3342/CHE/2013) 2013-07-26

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[51] **Int.Cl. G10L 19/008 (2013.01) H04S 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REALIZING A SAOC DOWNMIX OF 3D AUDIO CONTENT**
[54] **APPAREIL ET PROCEDE POUR REALISER UN MIXAGE REDUCTEUR SAOC DE CONTENU AUDIO 3D**
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] HERRE, JURGEN, DE
[72] MURTAZA, ADRIAN, RO
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
[72] PAULUS, JOUNI, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-18
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[30] EP (13177371.5) 2013-07-22
[30] EP (13177357.4) 2013-07-22
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[54] **INHIBITEURS DU PROTEASOME EPOXYCETONES PEPTIDIQUES EN COMBINAISON AVEC DES INHIBITEURS DE PIM KINASE POUR LE TRAITEMENT DE CANCERS**
[72] KAPUR, SHIRIN, US
[72] LERNER, ALANA, US
[72] KIRK, CHRISTOPHER J., US
[72] LOWE, ERIC, US
[71] ONYX THERAPEUTICS, INC., US
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[54] **INHIBITORS OF FAPP2 AND USES THEREOF**
[54] **INHIBITEURS DE FAPP2 ET LEURS UTILISATIONS**
[72] D'ANGELO, GIOVANNI, IT
[72] DE MATTEIS, MARIA ANTONIETTA, IT
[72] LA MONTAGNA, RAFFAELE, IT
[71] FONDAZIONE TELETHON, IT
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[54] **SINGLE HEATING PLATEN DOUBLE-SIDED SUBLIMATION PRINTING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL POUR UN PROCESSUS D'IMPRESSION PAR SUBLIMATION RECTO-VERSO AU MOYEN D'UN PLATEAU CHAUFFANT UNIQUE**
[72] WILL, GARY EDWARD, US
[72] TARTER, MARK LESLIE, US
[72] SOLACE, BRYAN KEITH, US
[72] HUSS, JAMES FRANCIS, US
[71] THE HILLMAN GROUP, INC., US
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[54] **COATINGS FOR FORMING TOOLS**
[54] **REVETEMENTS POUR FORMER DES OUTILS**
[72] SOBIECH, MATTHIAS LUKAS, DE
[72] WULKE, HANS-WERNER, DE
[71] OERLIKON SURFACE SOLUTIONS AG, TRUBBACH, CH
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[54] **SYSTEMES DE TRAITEMENT DE VAISSEAU ANATOMIQUE, PROCEDES ET KITS ASSOCIES**
[72] AUSTEN, WILLIAM G., JR., US
[72] MCCORMACK, MICHAEL, US
[72] REDMOND, ROBERT W., US
[72] KOCHEVAR, IRENE E., US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **INGENIERIE GENOMIQUE**
[72] CHURCH, GEORGE M., US
[72] YANG, LUHAN, US
[72] CARGOL, MARC GUELL, US
[72] YANG, JOYCE LICHI, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **METHOD AND DEVICE FOR MANUFACTURING POLYMER PARTICLES CONTAINING A THERAPEUTIC MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE PARTICULES DE POLYMERE CONTENANT UN MATERIAU THERAPEUTIQUE**
[72] RAMSEY, EUAN, CA
[72] TAYLOR, ROBERT JAMES, CA
[72] WILD, ANDRE, CA
[72] LEAVER, TIM, CA
[72] WALSH, COLIN, US
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **GROUPE D'ANCRAGE POUR FIXATION EXTERNE**
[72] OTTOBONI, ANDREA, IT
[72] VENTURINI, DANIELE, IT
[72] COATI, MICHELE, IT
[72] ZANDONA', ENRICO, IT
[71] ORTHOFIX S.R.L., IT
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[54] **LOLLIPOP AND MANUFACTURING PROCESS THEREOF**
[54] **SUCETTE ET SON PROCESSUS DE FABRICATION**
[72] BOTTINI, ALESSANDRO, IT
[72] CAPELLETTI, CLAUDIA, IT
[71] PERFETTI VAN MELLE S.P.A., IT
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[54] **MOYEN DE DECOUPLAGE POUR ISOLEMENT DE VILEBREQUIN**
[72] SERKH, ALEXANDER, US
[71] GATES CORPORATION, US
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[54] **MEASURING PARAMETERS OF A CUT GEMSTONE**
[54] **MESURE DES PARAMETRES D'UNE GEMME TAILLEE**
[72] DAVIES, NICHOLAS MATTHEW, GB
[72] D'GAMA, SIOBHAN, GB
[72] ROSE, PETER STANLEY, GB
[72] WILLIS, MAXWELL, GB
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[54] **MOULD ARRANGEMENT AND METHOD FOR COMPRESSION MOULDING FIBER REINFORCED PREFORMS**
[54] **AGENCEMENT DE MOULE ET PROCEDE POUR LE MOULAGE PAR COMPRESSION DE PREFORMES RENFORCEES PAR DES FIBRES**
[72] INGRAM, JOHN A., CA
[72] GRELLA, PHILIP, CA
[72] HAAG, DONALD F., US
[72] PLAUMAN, MATTHEW R., US
[72] PANASIEWICZ, JEREMY A., US
[72] HARDY, W. TYLER, US
[71] MAGNA INTERNATIONAL INC., CA
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[54] **PROTEINES DE LIAISON AU FACTEUR H (FHBP) D'ORIGINE NON NATURELLE ET METHODES D'UTILISATION DE CES PROTEINES**
[72] BEERNINK, PETER T., US
[71] CHILDREN'S HOSPITAL & RESEARCH CENTER OAKLAND, US
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[54] **CANINE HEALTH PRODUCT CONTAINING ANTIBODIES AGAINST CANINE PARVOVIRUS TYPE 2**
[54] **PRODUIT DE SANTE POUR CHIENS CONTENANT DES ANTICORPS DIRIGES CONTRE LE PARVOVIRUS CANIN DE TYPE 2**
[72] FEUGIER, ALEXANDRE, FR
[72] CHASTANT, SYLVIE, FR
[72] MILA, HANNA, FR
[72] GRELLET, AURELIEN, FR
[71] MARS, INCORPORATED, US
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[54] **WORKPIECE CLAMPING DEVICE, MACHINE TOOL, AND METHOD FOR CLAMPING A WORKPIECE**
[54] **DISPOSITIF DE SERRAGE D'UNE PIECE, MACHINE-OUTIL ET PROCEDE POUR LE SERRAGE D'UNE PIECE**
[72] BEHRINGER, CHRISTIAN, DE
[71] BEHRINGER GMBH, DE
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[54] **METHOD AND DEVICE FOR REMOVING CONTAMINANTS ARISING DURING THE PRODUCTION OF ALIPHATIC NITRATE ESTERS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ELIMINER LES IMPURETES RESULTANT DE LA PRODUCTION D'ESTERS DE NITRATE ALIPHATIQUES**
[72] POHLMANN, JURGEN, DE
[72] HERMANN, HEINRICH, DE
[72] HANDEL, MIRKO, DE
[72] GEBAUER, JURGEN, DE
[71] JOSEF MEISSNER GMBH & CO. KG, DE
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[54] **SOUTIENS CORPORELS A DIFFUSION D'AIR CONFIGURABLE**
[72] FAIRBURN, CHERIE B., US
[72] FAIRBURN, JOHN THOMAS, US
[71] FAIRBURN MEDICAL PRODUCTS, LLC, US
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[54] **AMELIORATIONS APPORTEES A DES SERVOVALVES HYDRAULIQUES**
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[71] MOOG CONTROLS LIMITED, GB
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[54] **TACTILE KEYPAD FOR A DEVICE HAVING A TOUCH SENSITIVE DISPLAY**
[54] **CLAVIER TACTILE DE DISPOSITIF COMPORTANT UN AFFICHEUR SENSIBLE A UN CONTACT TACTILE**
[72] LEWIS, MARCUS, GB
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[54] **ELEMENT DE PRISE ET SYSTEME DE PRISE**
[72] AFFELTRANGER, WALTER, CH
[71] BKS ENGINEERING AG, CH
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[54] **CARTOUCHE FLUIDIQUE POUR AMPLIFICATION ET DETECTION D'ACIDE NUCLEIQUE**
[72] EDWARDS, THOMAS RICHARD KERBY, GB
[72] MULLARKEY, TOBY CHARLES EDWARD, GB
[72] NEALE, KEVIN DAVID, GB
[72] TAYLOR, JAY KENDALL, CA
[72] ARLETT, BEN, GB
[71] ATLAS GENETICS LIMITED, GB
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[54] **A CARTRIDGE, CARTRIDGE READER AND METHOD FOR PREVENTING REUSE OF THE CARTRIDGE**
[54] **CARTOUCHE, LECTEUR DE CARTOUCHES ET PROCEDE POUR EVITER LA REUTILISATION DE LA CARTOUCHE**
[72] KENDALL TAYLOR, JAY, CA
[72] ARLETT, BEN, GB
[71] ATLAS GENETICS LIMITED, GB
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[54] **MODIFICATEURS DE REPONSE DE LYMPHOCYTE T CYTOTOXIQUE**
[72] BECKHOVE, PHILIPP, DE
[72] BOUTROS, MICHAEL, DE
[72] KHANDELWAL, NISIT, DE
[72] BREINIG, MARCO, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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[54] **FORMULATIONS CONTENANT DE LA DAPAGLIFLOZINE AMORPHE**
[72] STARIC, ROK, SI
[72] BERGLEZ, SANDRA, SI
[72] GRMAS, JERNEJ, SI
[72] STANIC LJUBIN, TIJANA, SI
[72] GRAHEK, ROK, SI
[72] PETERNEL, LUKA, SI
[71] SANDOZ AG, CH
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[54] **A VALVE WHICH DEPRESSURISES, AND A VALVE SYSTEM**
[54] **VALVE ENTRAINANT UNE DEPRESSURISATION ET SYSTEME DE VALVE**
[72] TAYLOR, JAY KENDALL, CA
[72] ARLETT, BEN, GB
[71] ATLAS GENETICS LIMITED, GB
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[54] **METHOD OF SYNCHRONISATION DURING THE PROCESSING, BY A MULTIMEDIA PLAYER, OF AN ITEM OF MULTIMEDIA CONTENT TRANSMITTED BY AN MBMS SERVICE**
[54] **PROCEDE DE SYNCHRONISATION LORS DU TRAITEMENT PAR UN LECTEUR MULTIMEDIA D'UN CONTENU MULTIMEDIA TRANSMIS PAR UN SERVICE MBMS**
[72] LAMBERT, DAVID, FR
[72] LAHORE-CARRATE, ROMAIN, FR
[72] LE FEUVRE, JEAN, FR
[72] THIENOT, CEDRIC, FR
[71] EXPWAY, FR
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[54] **MONOESTER-BASED LUBRICANTS AND METHODS OF MAKING SAME**
[54] **LUBRIFIANTS A BASE DE MONOESTERS ET PROCEDES DE PRODUCTION DESDITS LUBRIFIANTS**
[72] ELOMARI, SALEH ALI, US
[72] MILLER, STEPHEN JOSEPH, US
[71] CHEVRON U.S.A. INC., US
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[25] FR
[54] **LABELLING DEVICE HAVING A HOOK, FOR A COMMERCIAL ITEM**
[54] **DISPOSITIF DE MARQUAGE A CROCHET POUR ARTICLE COMMERCIAL**
[72] FAVIER, ALAIN, FR
[71] EXAQTWORLD, FR
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR INCREASING ENZYME ACTIVITY IN THE CNS**
[54] **PROCEDES ET COMPOSITIONS POUR AUGMENTER L'ACTIVITE ENZYMATIQUE DANS LE SNC**
[72] PARDRIDGE, WILLIAM M., US
[72] BOADO, RUBEN J., US
[71] ARMAGEN TECHNOLOGIES, INC., US
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[54] **APPAREIL DE PREPARATION DE BOISSONS**
[72] DOGLIONI MAJER, ALDO, IT
[72] CERIANI, EZIO, IT
[72] DOGLIONI MAJER, CARLO, IT
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[54] **SYSTEME, COMPOSANTS D'UN DISPOSITIF MULTIMEDIA, ET ECOSYSTEME BASE SUR UN DISPOSITIF MULTIMEDIA**
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[71] ALIPHCOM, US
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[54] **THREE-DIMENSIONAL FILAMENT NETWORK PACKAGING STRUCTURE**
[54] **STRUCTURE D'EMPAQUETAGE D'UN RESEAU DE FILAMENTS TRIDIMENSIONNEL**
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[72] KEENE, JAMES A., US
[71] KEENE BUILDING PRODUCTS CO., INC., US
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[54] **SYSTEME ET PROCEDE D'APPLICATION D'UN COMPOSE DE SURFACE**
[72] EVANS, LISA MARIE, US
[71] EVANS, LISA MARIE, US
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[54] **SYSTEMES ET PROCEDES DE GENERATION DE SOLUTIONS POUR DES CLIENTS**
[72] STOREY, JEFF, US
[72] NADIADI, YUNAS, US
[72] GRIPPO, RENE, US
[72] DIXON, ALLEN EDWARD, US
[72] GUNDERSEN, ERIC DAVID, US
[72] PHILIPS, LUKE PATRICK, US
[72] SINGH, RAJIV KUMAR, US
[72] KUMAR, SANJIV, US
[72] PROSSER, ERIC D., US
[72] HODOVANCE, DEREK, US
[72] JENSEN, WES, US
[72] ASLAM, IMRAN A., US
[72] ELLIOTT, MARIA A., US
[72] CLEARY, PETER, US
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[72] FARNSWORTH, PAUL, US
[72] WATER, JOHN F., JR., US
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[54] **DISPOSITIF MULTIMEDIA MIS EN FONCTION PAR CAPTEUR**
[72] LUNA, MICHAEL EDWARD SMITH, US
[72] DONALDSON, THOMAS ALAN, GB
[72] PANG, HAWK YIN, US
[72] FULLAM, SCOTT, US
[71] ALIPHCOM, US
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[71] AFRICAN OXYGEN LIMITED, ZA
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[54] **GENERATION ET FOURNITURE D'INDICATION D'AUTORISATION RELATIVEMENT A UN ELEMENT DE CONTENU MULTIMEDIA**
[72] WEICH, THOMAS, CH
[72] ROSENSTEIN, DAVID E., US
[72] BETEILLE, FRED, US
[72] KALISCHER, GIDEON, US
[72] WALKER, ELLIOTT, US
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[54] **COMBINATION SPEAKER AND LIGHT SOURCE RESPONSIVE TO STATE(S) OF AN ORGANISM BASED ON SENSOR DATA**
[54] **COMBINAISON HAUT-PARLEUR ET SOURCE DE LUMIERE REAGISSANT A UN OU PLUSIEURS ETATS D'UN ORGANISME SUR LA BASE DE DONNEES DE CAPTEUR**
[72] LUNA, MICHAEL EDWARD SMITH, US
[72] BARRENTINE, DEREK BOYD, US
[72] FULLAM, SCOTT, US
[72] SAHA, SANKALITA, US
[72] NARRON, PATRICK ALAN, US
[72] ROBISON, JEREMIAH, US
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[54] **SYSTEME ET PROCEDE DE GESTION D'UN TEMPS DE FONCTIONNEMENT ET D'UN TEMPS DE VEILLE**
[72] FUJIOKA, ROBB, US
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[54] **SERVEUR SECURISE SUR UN SYSTEME AVEC DES MACHINES VIRTUELLES**
[72] IGNATCHENKO, SERGEY, LI
[72] IVANCHYKHIN, DMYTRO, LI
[71] OLOGN TECHNOLOGIES AG, LI
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[54] **CONFORMING LOCAL AND REMOTE MEDIA CHARACTERISTICS DATA TO TARGET MEDIA PRESENTATION PROFILES**
[54] **RAPPROCHEMENT DE DONNEES CARACTERISTIQUES MULTIMEDIAS LOCALES ET DISTANTES, DE PROFILS DE PRESENTATIONS MULTIMEDIAS CIBLE**
[72] DONALDSON, THOMAS ALAN, GB
[72] LUNA, MICHAEL EDWARD SMITH, US
[71] ALIPHCOM, US
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[54] **SYSTEME DE COMPENSATEUR DE PRESSION DU DEBIT D'AIR POUR SECHE-LINGE**
[72] VILLELLA, BRUCE R., US
[72] BEAUDREAULT, JAMES, US
[71] WHIRLPOOL CORPORATION, US
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[54] **COMPOSITIONS PERMETTANT DE MODULER L'EXPRESSION DE TAU**
[72] KORDASIEWICZ, HOLLY, US
[72] SWAYZE, ERIC E., US
[72] FREIER, SUSAN M., US
[72] BUI, HUYNH-HOA, US
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[54] **SENSORLESS ADAPTIVE PUMP CONTROL WITH SELF-CALIBRATION APPARATUS FOR HYDRONIC PUMPING SYSTEM**
[54] **COMMANDE DE POMPE ADAPTATIVE SANS CAPTEUR AVEC APPAREIL D'AUTO-ETALONNAGE POUR SYSTEME DE POMPAGE HYDRONIQUE**
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[72] GU, JAMES J., US
[72] SCOTT, GRAHAM A., US
[71] FLUID HANDLING LLC, US
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[54] **METHOD FOR CONVERSION WITH RECOVERY OF ENERGY CARRIERS IN A CYCLICAL PROCESS OF A THERMAL ENGINE**
[54] **PROCEDE DE CONVERSION D'ENERGIE AVEC REGENERATION DES RESSOURCES D'ENERGIE DANS LE PROCESSUS CYCLIQUE D'UN MOTEUR THERMIQUE**
[72] BARCHAN, GENNADIJ PAVLOVICH, RU
[71] BARCHAN, GENNADIJ PAVLOVICH, RU
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[54] **DATA PROCESSING DEVICE AND DATA PROCESSING METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] IKEGAYA, RYOJI, JP
[72] YAMAMOTO, MAKIKO, JP
[72] SHINOHARA, YUJI, JP
[71] SONY CORPORATION, JP
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[54] **DISPOSITIF DE DECLENCHEMENT DE COMMANDE DE VEHICULES AERIENS ET TERRESTRES A DYNAMIQUE COMPLEXE**
[72] SALAMAT, BIJAN, US
[72] SANGUINETTI, JORGE J., US
[72] MYLES, ROBERT J., US
[72] STEPANIAN, AVETIS, US
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[54] **PROCEDES ET SYSTEMES DE LEVEE DE FONDS BASEE SUR L'ACTIVITE**
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[72] SCULLY, STEPHEN PATRICK, US
[71] SAS GAMES, INC., US
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[54] **RACCORD DE POCHE A FERMETURE AUTOMATIQUE**
[72] JIN, YUN, US
[72] WEIG, BRET ALEXANDER, US
[72] CLINE, JOHN, US
[72] TSAI, MINGLIANG LAWRENCE, US
[71] CONVATEC TECHNOLOGIES INC., US
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[54] **BIOMARQUEUR ASSOCIE AU RISQUE DE RECURRENCE DU MELANOME**
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[72] SIVENDRAN, SHANTHI, US
[72] CHANG, RUI, US
[72] DIFEO, ANALISA, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
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[54] **DETERMINATION DE LA PROXIMITE DE DISPOSITIFS EN INTERACTION AVEC DES DISPOSITIFS MULTIMEDIAS**
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[71] ALIPHCOM, US
[71] LUNA, MICHAEL EDWARD SMITH, US
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[54] **PROCEDE D'ACCROISSEMENT DE RESISTANCE AU STRESS ABIOTIQUE D'UNE PLANTE**
[72] GUILHABERT-GOYA, MAGALIE, US
[72] ZHU, HONG, US
[71] BAYER CROPSCIENCE LP, US
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[54] **PROCEDE ET APPAREIL POUR CONFIGURER UN ECRAN D'ACCUEIL D'UN DISPOSITIF**
[72] CHOI, KWANG-PYO, KR
[72] PARK, JEONG-HOON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **COMPOSITIONS DE CARBONATE MODIFIE DESTINEES A LA REDUCTION DE LA RESISTIVITE DES GAZ DE COMBUSTION**
[72] BUTZ, JAMES, ROBERT, US
[72] LUCARELLI, MICHAEL A., US
[72] GALE, THOMAS K., US
[71] NOVINDA CORPORATION, US
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[54] **DIGITAL IMAGE COIN DISCRIMINATION FOR USE WITH CONSUMER-OPERATED KIOSKS AND THE LIKE**
[54] **DISCRIMINATION DE PIECES PAR IMAGE NUMERIQUE UTILISABLE AVEC DES KIOSQUES ACTIONNES PAR LE CONSOMMATEUR ET SIMILAIRES**
[72] BALTAZOR, STEVEN, US
[71] OUTERWALL INC., US
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[71] OCULENTIS HOLDING B.V., NL
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[30] NL (2011235) 2013-07-29
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[54] **GENERATEUR EOLIEN DOTE DE PALES A ANGLE DIEDRE PSP**
[72] SAAVEDRA PACHECO, PEDRO, PE
[71] SAAVEDRA PACHECO, PEDRO, PE
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[54] **METHOD FOR PRODUCING A TWIN SCREW CYLINDER PROVIDED WITH A WEAR-PROTECTIVE LAYER**
[54] **PROCEDE SERVANT A FABRIQUER UN CYLINDRE A DOUBLE VIS POURVU D'UNE COUCHE DE PROTECTION CONTRE L'USURE**
[72] BENDIG, PETER, DE
[72] PORSTNER, THOMAS, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
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[54] **CONSTRUCTIONS CONTENANT LE FACTEUR 15 DE DIFFERENTIATION DE CROISSANCE (GDF-15)**
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[72] ZHANG, YI, US
[72] SHENG, JACKIE ZEQI, US
[72] HAMBURGER, AGNES EVA, US
[72] VENIANT-ELLISON, MURIELLE, US
[72] SHIMAMOTO, GRANT, US
[72] MIN, XIAOSHAN, US
[72] WANG, ZHULUN, US
[72] TANG, JIE, US
[72] KANNAN, GUNASEKARAN, US
[72] MOCK, MARISSA, US
[72] WALKER, KENNETH WILLIAM, US
[71] AMGEN INC., US
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[54] **DECOUPE DE PANNEAU DE VITRAGE DE VEHICULE**
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[72] WECKX, PATRICK, CH
[71] BELRON HUNGARY KFT-ZUG BRANCH, CH
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[25] EN
[54] **ELECTRIC POWER GENERATOR USING POTABLE WATER, WITH OXYGEN AND HYDROGEN RELEASE**
[54] **GENERATEUR D'ENERGIE ELECTRIQUE UTILISANT DE L'EAU POTABLE, AVEC DEGAGEMENT D'OXYGENE ET D'HYDROGENE**
[72] IONESCU, IULIU, RO
[71] IONESCU, IULIU, RO
[85] 2016-01-18
[86] 2014-07-28 (PCT/RO2014/000021)
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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **DOWNHOLE NUCLEAR MAGNETIC RESONANCE (NMR) TOOL WITH TRANSVERSAL-DIPOLE ANTENNA CONFIGURATION**
[54] **OUTIL DE RESONANCE MAGNETIQUE NUCLEAIRE (RMN) DE FOND DE TROU AYANT UNE CONFIGURATION D'ANTENNE DIPOLE TRANSVERSAL**
[72] REIDERMAN, ARCADY, US
[72] CHEN, SONGHUA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-18
[86] 2014-08-08 (PCT/US2014/050294)
[87] (WO2015/031026)
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[25] EN
[54] **AZIMUTHALLY-SELECTIVE DOWNHOLE NUCLEAR MAGNETIC RESONANCE (NMR) TOOL**
[54] **OUTIL DE RESONANCE MAGNETIQUE NUCLEAIRE (RMN) DE FOND DE PUITS A SELECTION AZIMUTALE.**
[72] REIDERMAN, ARCADY, US
[72] CHEN, SONGHUA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **ELECTROSTATIC SPRAY TOOL SYSTEM**
[54] **SYSTEME D'OUTIL DE PULVERISATION ELECTROSTATIQUE**
[72] HASSELSCHWERT, DANIEL J., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2015-10-07
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[51] **Int.Cl. A61K 8/34 (2006.01) A61Q 5/10 (2006.01)**
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[54] **HAIR COLOURING METHODS AND KITS THEREOF**
[54] **PROCEDES ET KITS DE COLORATION CAPILLAIRE**
[72] BONAUER, CHRISTOPH HANS PETER, DE
[72] WANG, NAN, DE
[72] GODFREY, SIMON PAUL, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **CRANE**
[54] **GRUE**
[72] WIMMER, ECKHARD, AT
[72] STEINDL, HANNES, AT
[72] WINKLER, JURGEN, AT
[72] ROCK, CHRISTOPH, AT
[72] HABERL, WALTER, AT
[71] PALFINGER AG, AT
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[86] 2014-07-29 (PCT/AT2014/000150)
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[51] **Int.Cl. C09K 8/36 (2006.01)**
[25] EN
[54] **BIOLOGICALLY-DERIVED MONOESTERS AS DRILLING FLUIDS**
[54] **MONOESTERS D'ORIGINE BIOLOGIQUE UTILISES EN TANT QUE FLUIDES DE FORAGE**
[72] MILLER, STEPHEN JOSEPH, US
[72] ELOMARI, SALEH ALI, US
[72] MALACHOSKY, EDWARD, US
[72] MORTON, EDWARD KEITH, US
[72] LENZ, RONALD JOHN, JR., US
[72] CHEA, RITHANA, US
[71] CHEVRON U.S.A. INC., US
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[86] 2014-08-21 (PCT/US2014/052039)
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[30] US (13/973,619) 2013-08-22

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[54] **HEATABLE LAMINATED SIDE PANE**
[54] **VITRE LATERALE STRATIFIEE POUVANT ETRE CHAUFFEE**
[72] KLEIN, MARCEL, DE
[72] HERMANGE, FRANCOIS, DE
[71] SAINT-GOBAIN GRASS FRANCE, FR
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[87] (WO2015/014511)
[30] EP (13178680.8) 2013-07-31

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[51] **Int.Cl. G05D 23/24 (2006.01) G05D 23/19 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR OBTAINING FEEDBACK INFORMATION TO REVEAL GROUP PREFERENCES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS PERMETTANT D'OBTENIR DES INFORMATIONS DE RETOUR POUR REVELER DES PREFERENCES DE GROUPE**
[72] ZINGER, VICHESLAV, AU
[72] AITCHISON, GARY, AU
[71] ZULERT LABS, INC., US
[85] 2016-01-19
[86] 2014-07-18 (PCT/AU2014/000734)
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[30] US (61/856,441) 2013-07-19

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[51] **Int.Cl. B03D 1/02 (2006.01) C22B 1/00 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING A COPPER SULFIDE CONCENTRATE FROM AN ORE CONTAINING AN IRON SULFIDE**
[54] **PROCEDE DE RECUPERATION D'UN CONCENTRE DE SULFURE DE CUIVRE A PARTIR D'UN MINERAI CONTENANT UN SULFURE DE FER**
[72] GREET, CHRISTOPHER, AU
[72] ARNOLD, GERHARD, US
[72] HAMANN, INGO, US
[72] HITCHINER, ALAN, NZ
[71] EVONIK DEGUSSA GMBH, DE
[71] MAGOTTEAUX INTERNATIONAL S.A., BE
[85] 2016-01-19
[86] 2014-07-11 (PCT/EP2014/064945)
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[25] EN
[54] **METHOD FOR RECOVERING A COPPER SULFIDE FROM AN ORE CONTAINING AN IRON SULFIDE**
[54] **PROCEDE DE RECUPERATION D'UN SULFURE DE CUIVRE D'UN MINERAI CONTENANT UN SULFURE DE FER**
[72] ARNOLD, GERHARD, US
[72] HAMANN, INGO, US
[72] HITCHINER, ALAN, NZ
[71] EVONIK DEGUSSA GMBH, DE
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[87] (WO2015/007652)
[30] US (61/856,405) 2013-07-19

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[25] EN
[54] **RENDERER CONTROLLED SPATIAL UPMIX**
[54] **MELANGE-ELEVATION SPATIAL COMMANDE PAR UN MOTEUR DE RENDU**
[72] ERTEL, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[72] HOLZER, ANDREAS, DE
[72] KUNTZ, ACHIM, DE
[72] PLOGSTIES, JAN, DE
[72] KRATSCHMER, MICHAEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUND DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-19
[86] 2014-07-14 (PCT/EP2014/065037)
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[30] EP (13177368.1) 2013-07-22
[30] EP (13189285.3) 2013-10-18

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[51] **Int.Cl. B03D 1/002 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING A COPPER SULFIDE FROM AN ORE CONTAINING AN IRON SULFIDE**
[54] **PROCEDE POUR LA RECUPERATION D'UN SULFURE DE CUIVRE A PARTIR D'UN MINERAI CONTENANT UN SULFURE DE FER**
[72] ARNOLD, GERHARD, US
[72] HAMANN, INGO, US
[72] HITCHINER, ALAN, NZ
[71] EVONIK DEGUSSA GMBH, DE
[85] 2016-01-19
[86] 2014-07-11 (PCT/EP2014/064957)
[87] (WO2015/007654)
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[51] **Int.Cl. C07K 14/005 (2006.01) A61K 38/16 (2006.01) A61P 31/12 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DENGUE VIRUS VACCINES**
[54] **PROCEDES ET COMPOSITIONS POUR DES VACCINS CONTRE LE VIRUS DE LA DENGUE**
[72] MESSER, WILLIAM, US
[72] BARIC, RALPH, US
[72] DESILVA, ARAVINDA, US
[72] YOUNT, BOYD, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2016-01-18
[86] 2014-06-26 (PCT/US2014/044410)
[87] (WO2014/210358)
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[51] **Int.Cl. C09K 8/36 (2006.01)**
[25] EN
[54] **METHOD OF USING BIOLOGICALLY-DERIVED MONOESTERS AS DRILLING FLUIDS**
[54] **PROCEDE D'UTILISATION DE MONOESTERS D'ORIGINE BIOLOGIQUE EN TANT QUE FLUIDES DE FORAGE**
[72] MILLER, STEPHEN JOSEPH, US
[72] ELOMARI, SALEH ALI, US
[72] MALACHOSKY, EDWARD, US
[72] MORTON, EDWARD KEITH, US
[72] LENZ, RONALD JOHN, JR., US
[72] CHEA, RITHANA, US
[71] CHEVRON U.S.A. INC., US
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[54] **GROUND WORKING TOOL WITH REPLACEABLE TEETH**
[54] **OUTIL DE TERRASSEMENT A DENTS REMPLACABLES**
[72] WRIGHT, STEWART JAMES, AU
[71] DIGGA AUSTRALIA PTY LTD, AU
[85] 2016-01-19
[86] 2014-07-18 (PCT/AU2014/050135)
[87] (WO2015/006832)
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[54] **INSULATING LAYER-FORMING COMPOSITION AND USE THEREOF**
[54] **COMPOSITION FORMANT UNE COUCHE ISOLANTE ET SON UTILISATION**
[72] MARAUSKA, JULIANE, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[51] **Int.Cl. B23K 26/352 (2014.01) B65D 90/36 (2006.01)**
[25] EN
[54] **CREATION OF LASER-DEFINED STRUCTURES ON PRESSURE RELIEF DEVICES VIA TILING METHOD**
[54] **CREATION DE STRUCTURES DEFINIES PAR LASER SUR DES DISPOSITIFS A RELIEFS DE PRESSION PAR PROCEDE DE PAVAGE**
[72] SHAW, BON F., US
[72] WALKER, JOE, US
[72] KREBILL, MICHAEL D., US
[71] FIKE CORPORATION, US
[85] 2016-01-18
[86] 2014-07-15 (PCT/US2014/046727)
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[51] **Int.Cl. C03B 5/235 (2006.01) C03B 5/12 (2006.01) C03B 5/44 (2006.01) C03C 3/064 (2006.01) C03C 3/091 (2006.01) C03C 13/06 (2006.01)**
[25] EN
[54] **SUBMERGED COMBUSTION MELTING OF VERIFIABLE MATERIAL**
[54] **FUSION PAR COMBUSTION SUBMERGEE D'UN MATERIAU VITRIFIABLE**
[72] DEMOTT, JERRY, BE
[72] MAROLT, BOSTJAN, BE
[72] ETZKORN, RANDY, BE
[72] DUCARME, DAVID, BE
[71] KNAUF INSULATION, BE
[85] 2016-01-19
[86] 2014-07-30 (PCT/EP2014/066440)
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[51] **Int.Cl. C03B 5/235 (2006.01) F23C 3/00 (2006.01) F23D 14/00 (2006.01) F27B 3/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MELTING SOLID RAW BATCH MATERIAL USING SUBMERGED COMBUSTION BURNERS**
[54] **PROCEDE ET APPAREIL POUR LA FUSION D'UN LOT DE MATIERE PREMIERE SOLIDE A L'AIDE DE BRULEURS A COMBUSTION IMMERGEE**
[72] DEMOTT, JERRY, BE
[72] MAROLT, BOSTJAN, BE
[72] ETZKORN, RANDY, BE
[72] DUCARME, DAVID, BE
[71] KNAUF INSULATION, BE
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[51] **Int.Cl. C03C 1/00 (2006.01) C03B 5/00 (2006.01) C03B 5/12 (2006.01) C03B 5/183 (2006.01) C03B 5/235 (2006.01) C03B 5/44 (2006.01) C03C 3/064 (2006.01) C03C 3/091 (2006.01) C03C 13/06 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING VITRIFIED MATERIAL BY MELTING**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU VITRIFIE PAR FUSION**
[72] DEMOTT, JERRY, BE
[72] MAROLT, BOSTJAN, BE
[72] ETZKORN, RANDY, BE
[72] DUCARME, DAVID, BE
[71] KNAUF INSULATION, BE
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[30] GB (1313656.9) 2013-07-31

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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **MOBILE APPLICATION OPTIMIZATION PLATFORM**
[54] **PLATEFORME D'OPTIMISATION D'APPLICATION MOBILE**
[72] WILLIAMS, MURRAY, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/046943)
[87] (WO2015/009886)
[30] US (61/847,365) 2013-07-17
[30] US (14/310,705) 2014-06-20

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[13] A1
[51] **Int.Cl. B60K 26/02 (2006.01)**
[25] EN
[54] **ACCELERATOR PEDAL INFORMATION FEEDBACK SYSTEM**
[54] **SYSTEME DE RETROACTION D'INFORMATION DE PEDALE D'ACCELERATEUR**
[72] YANG, ANTHONY AN-TAO, CN
[72] CHEN, GORDON CHING, CN
[71] ALEEES ECO ARK CO. LTD., CN
[85] 2016-01-19
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[25] EN
[54] **SUBMERGED COMBUSTION MELTERS AND METHODS**
[54] **POTS DE FUSION ET PROCEDES A COMBUSTION IMMERGEE**
[72] DEMOTT, JERRY, BE
[72] MAROLT, BOSTJAN, BE
[72] ETZKORN, RANDY, BE
[72] DUCARME, DAVID, BE
[71] KNAUF INSULATION, BE
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[13] A1
[51] **Int.Cl. A61M 5/00 (2006.01) A61J 1/16 (2006.01) A61J 1/20 (2006.01) B65B 5/06 (2006.01) B65B 31/02 (2006.01) B65D 81/00 (2006.01)**
[25] EN
[54] **INTERMEDIATE PRODUCT FOR PRODUCING PRE-FILLED DUAL-CHAMBER SYRINGES OR CARTRIDGES AND METHOD OF PRODUCING SAID INTERMEDIATE PRODUCT**
[54] **PRODUIT INTERMEDIAIRE POUR LA PRODUCTION DE SERINGUES OU CARTOUCHES A DOUBLE CHAMBRE PRE-REMPLIES ET PROCEDE DE PRODUCTION DUDIT PRODUIT INTERMEDIAIRE**
[72] OROFINO, ERNESTO, IT
[71] OROFINO PHARMACEUTICALS GROUP S.R.L., IT
[85] 2016-01-19
[86] 2014-07-23 (PCT/IT2014/000193)
[87] (WO2015/019374)
[30] IT (RM2013A000457) 2013-08-05

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[13] A1
[51] **Int.Cl. B60P 1/02 (2006.01) B60P 1/64 (2006.01)**
[25] FR
[54] **WHEELED VEHICLE FOR TRANSFERRING HEAVY LOADS, HAVING A PLURALITY OF LOW-HEIGHT ARTICULATED MODULES**
[54] **VEHICULE ROULANT DE TRANSFERT DE LOURDES CHARGES A PLUSIEURS MODULES ARTICULES ET DE FAIBLE HAUTEUR**
[72] PONS, DAMIEN, FR
[72] HERVE, JEAN-FRANCOIS, FR
[72] SOUTHWAY, RUDY, FR
[72] CROSNIER, FRANCOIS-SYLVAIN, FR
[71] AGENCE NATIONALE POUR LA GESTION DES DECHETS RADIOACTIFS, FR
[85] 2016-01-19
[86] 2014-07-22 (PCT/EP2014/065693)
[87] (WO2015/011125)
[30] FR (13 57309) 2013-07-24

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[51] **Int.Cl. G01B 21/16 (2006.01) G01B 3/10 (2006.01) G01B 11/14 (2006.01)**
[25] EN
[54] **POSITIONING APPARATUS AND METHOD FOR DISTANCE MEASUREMENT**
[54] **APPAREIL ET PROCEDE DE POSITIONNEMENT POUR MESURER UNE DISTANCE**
[72] DASCANIO, GUSTAVO A., US
[71] DASCANIO, GUSTAVO A., US
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/046959)
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[30] US (13/946,957) 2013-07-19

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[51] **Int.Cl. G05D 16/10 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS FOR A GAS PRESSURE REGULATOR**
[54] **APPAREIL DE COMMANDE POUR UN REGULATEUR DE PRESSION DE GAZ**
[72] PEMBERTON, GARETH ROSS, GB
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2016-01-19
[86] 2014-08-01 (PCT/EP2014/066656)
[87] (WO2015/018768)
[30] EP (13179494.3) 2013-08-06

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[13] A1
[51] **Int.Cl. B01D 50/00 (2006.01) B01D 45/04 (2006.01) B01D 46/00 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **ENERGY RECYCLING TYPE DUST REMOVING PROCESSING SYSTEM FOR REMOVING CONTAMINATED MATERIAL IN HIGH TEMPERATURE CONTAMINATED GAS AND INERTIAL IMPACT TYPE ENERGY RECOVERING AND DUST REMOVING APPARATUS**
[54] **SYSTEME DE TRAITEMENT D'ELIMINATION DE POUSSIERE DE TYPE UTILISANT DE L'ENERGIE POUR ELIMINER DES CONTAMINANTS DANS UN GAZ CONTAMINE A HAUTE TEMPERATURE, ET APPAREIL D'ELIMINATIONDE POUSSIERE ET DE RECUPERATION D'ENERGIE DE TYPE IMPACTION INERTIELLE L'UTILISANT**
[72] PARK, SEONG-KYU, KR
[72] CHOI, SANG-JIN, KR
[71] KF CO., LTD., KR
[85] 2015-10-16
[86] 2013-04-17 (PCT/KR2013/003246)
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[51] **Int.Cl. G08B 17/10 (2006.01) H04W 52/02 (2009.01) H04W 80/02 (2009.01) G08B 21/14 (2006.01)**
[25] EN
[54] **BIFURCATED PROCESSOR HAZARD DETECTION SYSTEMS**
[54] **SYSTEMES DE DETECTION DE DANGER A PROCESSEUR BIFURQUE**
[72] SMITH, IAN C., US
[72] WARREN, DANIEL ADAM, US
[72] MULLINS, SCOTT, US
[72] CONNER, BRIAN JONATHAN, US
[71] GOOGLE INC., US
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/046987)
[87] (WO2015/009908)
[30] US (61/847,916) 2013-07-18
[30] US (61/847,905) 2013-07-18

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[13] A1
[51] **Int.Cl. F17C 13/06 (2006.01)**
[25] EN
[54] **CYLINDER REGULATOR GUARD LIFTING ARRANGEMENT**
[54] **DISPOSITION DE LEVAGE DE PROTECTION POUR REGULATEUR DE BOUTEILLE**
[72] PEMBERTON, GARETH ROSS, GB
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2016-01-19
[86] 2014-08-01 (PCT/EP2014/066657)
[87] (WO2015/018769)
[30] EP (13179495.0) 2013-08-06

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[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 76/04 (2009.01)**
[25] EN
[54] **TIMING ADVANCE GROUP IN LTE SMALL CELL ENHANCEMENT**
[54] **GROUPE D'AVANCE TEMPORELLE DANS UNE AMELIORATION DE PETITE CELLULE LTE**
[72] BLANKENSHIP, YUFEI WU, US
[72] GAO, SHIWEI, CA
[72] XU, HUA, CA
[71] BLACKBERRY LIMITED, CA
[85] 2016-01-19
[86] 2014-07-25 (PCT/CA2014/050705)
[87] (WO2015/013818)
[30] US (13/954,752) 2013-07-30

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[13] A1
[51] **Int.Cl. B60K 1/00 (2006.01)**
[25] EN
[54] **DETACHABLE HIGH VOLTAGE ISOLATION STRUCTURE OF LARGE ELECTRIC VEHICLE**
[54] **MECANISME AMOVIBLE D'ISOLATION HAUTE TENSION POUR VEHICULE ELECTRIQUE LOURD**
[72] CHEN, GORDON CHING, CN
[72] YANG, ANTHONY AN-TAO, CN
[71] ALEEES ECO ARK CO. LTD., CN
[85] 2016-01-19
[86] 2013-07-24 (PCT/CN2013/080022)
[87] (WO2015/010280)

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[13] A1
[51] **Int.Cl. A61M 5/148 (2006.01)**
[25] FR
[54] **AUTONOMOUS LIQUIDS PUMP FOR TRANSPORTING A FLUID TO A LIVING BEING**
[54] **POMPE A LIQUIDES AUTONOME POUR VEHICULER UN FLUIDE VERS UN ETRE VIVANT**
[72] PEETERS, THIERRY, BE
[72] DURY, FRANCOIS, BE
[72] RENARD, PHILIPPE, BE
[72] GANGOLF, DIMITRI, BE
[71] MAHUSACA SPRL, BE
[85] 2016-01-19
[86] 2014-08-11 (PCT/EP2014/067151)
[87] (WO2015/022287)
[30] BE (2013/0541) 2013-08-13

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[13] A1
[51] **Int.Cl. B60L 11/18 (2006.01)**
[25] EN
[54] **DETACHABLE HIGH VOLTAGE ISOLATION STRUCTURE OF MEDIUM-SIZE ELECTRIC VEHICLE**
[54] **MECANISME AMOVIBLE D'ISOLATION HAUTE TENSION D'UN VEHICULE ELECTRIQUE MOYEN**
[72] CHEN, GORDON CHING, CN
[72] YANG, ANTHONY AN-TAO, CN
[71] ALEEES ECO ARK CO. LTD., CN
[85] 2016-01-19
[86] 2013-07-24 (PCT/CN2013/080031)
[87] (WO2015/010285)

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01)**
[25] EN
[54] **1,2,4-TRIAZOLO[4,3-A]PYRIDINE COMPOUNDS AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS OF MGLUR2 RECEPTORS**
[54] **COMPOSES DE 1,2,4-TRIAZOLO[4,3-A]PYRIDINE ET LEUR UTILISATION EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS DES RECEPTEURS MGLUR2**
[72] CID-NUNEZ, JOSE MARIA, ES
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] LAVREYSEN, HILDE, BE
[72] CEUSTERS, MARC ANDRE, BE
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2016-01-19
[86] 2014-09-03 (PCT/EP2014/068676)
[87] (WO2015/032790)
[30] EP (13183427.7) 2013-09-06
[30] EP (14153887.6) 2014-02-04

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[51] **Int.Cl. H01M 4/13 (2010.01) H01M 4/139 (2010.01) H01M 10/052 (2010.01) H01M 10/056 (2010.01) B60K 1/04 (2006.01) B60L 11/18 (2006.01) H01M 2/16 (2006.01)**
[25] EN
[54] **POSITIVE ELECTRODE MATERIAL FOR LITHIUM SECONDARY BATTERY**
[54] **MATERIAU ACTIF D'ELECTRODE POSITIVE POUR BATTERIE RECHARGEABLE AU LITHIUM-ION**
[72] SAWAI, TAKEHIKO, JP
[72] SAITO, SHINJI, JP
[72] URAO, KAZUNORI, JP
[72] HANAI, KAZUMA, JP
[72] ZAGHIB, KARIM, CA
[72] GUERFI, ABDELBAST, CA
[72] DONTIGNY, MARTIN, CA
[71] HYDRO-QUEBEC, CA
[71] SEI CORP., JP
[85] 2016-01-19
[86] 2014-08-21 (PCT/CA2014/050803)
[87] (WO2015/024127)
[30] US (61/868,296) 2013-08-21

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[13] A1
[51] **Int.Cl. C09D 5/02 (2006.01) B32B 5/16 (2006.01) C09D 133/08 (2006.01)**
[25] EN
[54] **AQUEOUS COATING COMPOSITION WITH IMPROVED DURABILITY**
[54] **COMPOSITION DE REVETEMENT AQUEUSE A DURABILITE AMELIOREE**
[72] LI, JUAN, CN
[72] WANG, TAO, CN
[72] CHEN, JUNYU, CN
[72] CUI, LONGLAN, CN
[72] CUI, WEI, CN
[72] SPEECE, DAVID G., JR., US
[72] WANG, TAO, AU
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2016-01-19
[86] 2013-07-31 (PCT/CN2013/080466)
[87] (WO2015/013900)

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[51] **Int.Cl. C22C 38/00 (2006.01) B21B 3/00 (2006.01) C21D 9/08 (2006.01) C22C 38/32 (2006.01) B21B 19/04 (2006.01) B21B 19/10 (2006.01)**
[25] EN
[54] **LOW ALLOY OIL WELL STEEL PIPE AND METHOD FOR MANUFACTURING SAME**
[54] **TUBE EN ACIER FAIBLEMENT ALLIE POUR PUITS DE PETROLE, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] ARAI, YUJI, JP
[72] OMURA, TOMOHIKO, JP
[72] KONDO, KEIICHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-01-19
[86] 2014-07-23 (PCT/JP2014/003858)
[87] (WO2015/011917)
[30] JP (2013-155674) 2013-07-26

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[51] **Int.Cl. C07H 15/00 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **VIRUS DETECTION**
[54] **DETECTION DE VIRUS**
[72] FIELD, ROB, GB
[72] REZJEK, MARTIN, GB
[72] RASHID, ABDUL, GB
[72] RUSSELL, DAVID, GB
[72] MARIN, MARIA, GB
[71] UNIVERSITY OF EAST ANGLIA, GB
[71] PLANT BIOSCIENCE LIMITED, GB
[85] 2016-01-19
[86] 2014-07-03 (PCT/GB2014/052026)
[87] (WO2015/011441)
[30] GB (1313201.4) 2013-07-24

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[13] A1
[51] **Int.Cl. E06C 1/12 (2006.01) E06C 9/08 (2006.01)**
[25] EN
[54] **TELESCOPICALLY COLLAPSIBLE FIRE ESCAPE LADDER**
[54] **ECHELLE D'EVACUATION TELESCOPIQUEMENT PLIANTE**
[72] WESTON, RICHARD, GB
[71] TELETOWER.COM LIMITED, GB
[85] 2016-01-19
[86] 2013-07-11 (PCT/IB2013/055712)
[87] (WO2014/016722)
[30] GB (1213255.1) 2012-07-25

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[51] **Int.Cl. C10G 2/00 (2006.01) B01J 8/22 (2006.01) C07B 61/00 (2006.01) C07C 1/04 (2006.01) C07C 9/00 (2006.01) C07C 11/00 (2006.01)**
[25] EN
[54] **REACTOR FOR HYDROCARBON SYNTHESIS**
[54] **REACTEUR POUR SYNTHESE D'HYDROCARBURES**
[72] MORITA, KENTAROU, JP
[72] MURAHASHI, KAZUKI, JP
[72] YAMADA, EIICHI, JP
[72] KATO, YUZURU, JP
[72] SAIWAI, YOSHIYUKI, JP
[72] MURATA, ATSUSHI, JP
[71] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
[85] 2016-01-19
[86] 2014-07-15 (PCT/JP2014/068802)
[87] (WO2015/016060)
[30] JP (2013-157820) 2013-07-30

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[13] A1
[51] **Int.Cl. H04R 5/02 (2006.01) H04S 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING OF SOUND SIGNALS**
[54] **PROCEDE DE TRAITEMENT DE SIGNAUX SONORES**
[72] MORROW, CHARLES, US
[71] MORROW, CHARLES, US
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/047012)
[87] (WO2015/009921)
[30] US (13/946,312) 2013-07-19

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[13] A1
[51] **Int.Cl. G01R 31/12 (2006.01)**
[25] EN
[54] **PATTERN RECOGNITION METHOD FOR PARTIAL DISCHARGE OF THREE-PHASE CYLINDER TYPE ULTRAHIGH VOLTAGE GIS**
[54] **PROCEDE DE RECONNAISSANCE DE MOTIF DE DECHARGE PARTIELLE D'UN COURANT TRIPHASE DANS UN GIS A ULTRA-HAUTE TENSION DE TYPE A ENVELOPPE**
[72] ZHANG, GUANGDONG, CN
[72] WEN, DINGJUN, CN
[72] LV, JINGSHUN, CN
[72] SUN, YAMING, CN
[72] ZHANG, SHICAI, CN
[72] MAO, GUANGHUI, CN
[72] WANG, XIAOFEI, CN
[72] HU, CHUNJIANG, CN
[72] ZHANG, KAI, CN
[72] WANG, WEIZHOU, CN
[72] GUO, GUANGYAN, CN
[72] CAO, YINLI, CN
[71] STATE GRID CORPORATION OF CHINA, CN
[71] STATE GRID GANSU ELECTRIC POWER CORPORATION, CN
[71] STATE GRID GANSU ELECTRIC POWER RESEARCH INSTITUTE, CN
[85] 2016-01-19
[86] 2014-08-13 (PCT/CN2014/000766)
[87] (WO2015/070513)
[30] CN (201310566573.6) 2013-11-14

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[13] A1
[51] **Int.Cl. G08B 23/00 (2006.01) G08B 17/00 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MULTI-CRITERIA ALARMING**
[54] **SYSTEMES ET PROCEDES POUR UNE ALARME MULTICRITERES**
[72] MATSUOKA, YOKY, US
[72] FADELL, ANTHONY MICHAEL, US
[72] ROGERS, MATTHEW LEE, US
[72] LEE, JEFFREY, US
[71] GOOGLE INC., US
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/047019)
[87] (WO2015/009924)
[30] US (61/847,937) 2013-07-18
[30] US (61/847,916) 2013-07-18
[30] US (61/847,905) 2013-07-18

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[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01)**
[25] EN
[54] **DISPLAY OF TERRAIN ALONG FLIGHT PATHS**
[54] **AFFICHAGE DE TERRAIN LE LONG DE TRAJETS DE VOL**
[72] HAYES, ANDREW, US
[71] INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY), US
[85] 2016-01-18
[86] 2014-08-25 (PCT/US2014/052484)
[87] (WO2015/031238)
[30] US (61/872,325) 2013-08-30
[30] US (14/453,245) 2014-08-06

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[13] A1
[51] **Int.Cl. B29C 49/06 (2006.01) B29B 11/08 (2006.01) B29C 49/42 (2006.01) B29C 49/64 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE PRODUCTION OF AN OPTIMIZED BOTTOM CONTOUR ON PREFORMS**
[54] **PROCEDE ET DISPOSITIF DE REALISATION D'UN PROFIL DE FOND OPTIMISE SUR DES PREFORMES**
[72] AKTAS, MAHIR, TR
[71] AKTAS, MAHIR, TR
[85] 2016-01-19
[86] 2014-06-30 (PCT/DE2014/000335)
[87] (WO2015/000459)
[30] DE (10 2013 011 315.6) 2013-07-01

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[13] A1
[51] **Int.Cl. G08B 17/06 (2006.01) G06F 3/01 (2006.01) G08B 17/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING ULTRASONIC INPUTS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE SIGNAUX D'ENTREE ULTRASONORES**
[72] MATSUOKA, YOKY, US
[72] MINICH, AJ, US
[72] MODI, YASH, US
[72] GOLDENSON, ANDREW W., US
[71] GOOGLE INC., US
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/047045)
[87] (WO2015/009940)
[30] US (61/847,960) 2013-07-18
[30] US (61/889,013) 2013-10-09

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[13] A1
[51] **Int.Cl. A61C 7/08 (2006.01) A61C 9/00 (2006.01) A63B 71/08 (2006.01)**
[25] EN
[54] **PERFORMANCE ENHANCING BITE REGULATOR AND SELF-IMPRESSION SYSTEM AND METHOD OF CUSTOM FITTING SAME**
[54] **REGULATEUR D'OCCLUSION A PERFORMANCE AMELIOREE ET SYSTEME D'AUTO-EMPREINTE ET PROCEDE DE MISE EN PLACE SUR MESURE DE CELUI-CI**
[72] LAYZELL, P. BRADLEY, CA
[71] PX3 SPORTS SCIENCE, A TRADE NAME OF P3 ATHLETICS INC., CA
[85] 2016-01-19
[86] 2014-07-21 (PCT/IB2014/001362)
[87] (WO2015/011546)
[30] US (61/856,669) 2013-07-20

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[51] **Int.Cl. C12N 9/00 (2006.01) C12N 9/28 (2006.01) C12N 9/42 (2006.01) C12N 9/50 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **ENZYME COMPOSITION AND USES THEREOF**
[54] **COMPOSITION D'ENZYME ET UTILISATIONS DE CELLE-CI**
[72] JUMP, JOSEPH, US
[72] KREEL, NATHANIEL, US
[72] SAUNDERS, JEREMY, US
[72] AKERMAN, MICHAEL JOHN, US
[71] NOVOZYMES A/S, DK
[85] 2016-01-18
[86] 2014-08-27 (PCT/US2014/052905)
[87] (WO2015/031477)
[30] US (61/872,180) 2013-08-30
[30] US (61/944,933) 2014-02-26
[30] US (61/971,936) 2014-03-28

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[13] A1
[51] **Int.Cl. C08L 97/02 (2006.01) C08H 7/00 (2011.01) C08G 18/64 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF LIGNIN BASED POLYURETHANE PRODUCTS**
[54] **PROCEDE DE PREPARATION DE PRODUITS DE POLYURETHANNE A BASE DE LIGNINE**
[72] DROUIN, MICHEL, CA
[72] LANGLOIS, ARMAND, CA
[71] ENERLAB 2000 INC., CA
[85] 2016-01-19
[86] 2014-07-31 (PCT/CA2014/050724)
[87] (WO2015/021541)
[30] US (61/865,358) 2013-08-13

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[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTI-ANGLE VIDEOS**
[54] **SYSTEME ET PROCEDE DE VIDEOS A ANGLES MULTIPLES**
[72] MALPASS, LUKE, GB
[72] ZAFAR, LIONEL, US
[72] CHRISTMAS, COY, US
[71] FASETTO, L.L.C., US
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/047054)
[87] (WO2015/009944)
[30] US (61/847,990) 2013-07-18

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[13] A1
[51] **Int.Cl. A61C 9/00 (2006.01) A61C 7/08 (2006.01) A63B 71/08 (2006.01)**
[25] EN
[54] **PERFORMANCE ENHANCING BITE REGULATOR AND SELF-IMPRESSION SYSTEM AND METHOD OF CUSTOM FITTING SAME**
[54] **REGULATEUR D'OCCLUSION A PERFORMANCE AMELIOREE ET SYSTEME D'AUTO-EMPREINTE ET PROCEDE DE MISE EN PLACE SUR MESURE DE CELUI-CI**
[72] LAYZELL, P. BRADLEY, CA
[71] PX3 SPORTS SCIENCE, A TRADE NAME OF P3 ATHLETICS INC., CA
[85] 2016-01-19
[86] 2014-07-21 (PCT/IB2014/001365)
[87] (WO2015/008140)
[30] US (61/856,399) 2013-07-19

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[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **HIGH EFFICIENCY WIRELESS (HEW) ACCESS POINT (AP) COORDINATION PROTOCOL**
[54] **PROTOCOLE DE COORDINATION DE POINT D'ACCES (AP) SANS FIL A HAUTE EFFICACITE (HEW)**
[72] BARRIAC, GWENDOLYN DENISE, US
[72] MERLIN, SIMONE, US
[72] ZHOU, YAN, US
[72] SAMPATH, HEMANTH, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-18
[86] 2014-08-27 (PCT/US2014/052923)
[87] (WO2015/031487)
[30] US (61/870,711) 2013-08-27
[30] US (14/469,331) 2014-08-26

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[51] **Int.Cl. A41C 3/00 (2006.01)**
[25] EN
[54] **BRA WITH A REVERSIBLE EFFECT OF BRINGING THE BREASTS CLOSER TOGETHER**
[54] **SOUTIEN-GORGE A EFFET DE RAPPROCHEMENT DES SEINS REVERSIBLE**
[72] TURLAN-VAN DER HOEVEN, MANON, FR
[71] DBAPPAREL OPERATIONS, FR
[85] 2016-01-19
[86] 2014-07-21 (PCT/FR2014/051867)
[87] (WO2015/008005)
[30] FR (13/57126) 2013-07-19

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[13] A1
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/44 (2011.01) H04N 21/81 (2011.01)**
[25] EN
[54] **DYNAMIC CHUNK MANIPULATION FOR STREAMING MIXED LIVE AND ON-DEMAND MEDIA: APPLICATION PROGRAMMING INTERFACE**
[54] **MANIPULATION DYNAMIQUE DE SEGMENTS POUR TRANSMISSION MULTIMEDIA EN CONTINU MIXTE EN DIRECT ET A LA DEMANDE: INTERFACE DE PROGRAMMATION D'APPLICATION**
[72] MCGOWAN, ALBERT JOHN, US
[72] MAULTSBY, NICHOLAS, US
[72] MARSHALL, JARED, US
[71] BRIGHTCOVE INC., US
[85] 2016-01-18
[86] 2014-09-22 (PCT/US2014/056823)
[87] (WO2015/047959)
[30] US (61/884,709) 2013-09-30
[30] US (14/086,801) 2013-11-21
[30] US (14/086,822) 2013-11-21

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[13] A1
[51] **Int.Cl. F02B 19/10 (2006.01) F02B 9/02 (2006.01) F02B 19/02 (2006.01) F02B 19/14 (2006.01) F02B 43/04 (2006.01) F02B 43/10 (2006.01)**
[25] EN
[54] **AN IGNITION SYSTEM FOR LOW GRADE SYNTHESIS GAS AT HIGH COMPRESSION**
[54] **SYSTEME D'ALLUMAGE D'UN GAZ DE SYNTHESE DE QUALITE INFERIEURE A COMPRESSION ELEVEE**
[72] CHEIKY, MICHAEL, US
[71] V-GRID ENERGY SYSTEMS, US
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/047090)
[87] (WO2015/009965)
[30] US (61/856,235) 2013-07-19
[30] US (14/334,477) 2014-07-17

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[13] A1
[51] **Int.Cl. H02J 3/01 (2006.01) H02J 3/18 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR POWER COMPENSATION**
[54] **PROCEDES ET DISPOSITIFS DE COMPENSATION DE PUISSANCE**
[72] HASLER, JEAN-PHILIPPE, SE
[72] DE OLIVEIRA, MARCIO, BR
[71] ABB TECHNOLOGY LTD, CH
[85] 2016-01-19
[86] 2013-07-19 (PCT/EP2013/065255)
[87] (WO2015/007330)

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[13] A1
[51] **Int.Cl. B60H 1/00 (2006.01)**
[25] EN
[54] **VEHICLE COMPRISING AN ELECTRICAL STORAGE DEVICE COOLED BY A FAN**
[54] **VEHICULE COMPORTANT UN DISPOSITIF DE STOCKAGE D'ELECTRICITE REFROIDI PAR UN VENTILATEUR**
[72] MINAMIURA, KEIICHI, JP
[72] KIKUCHI, YOSHIAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2016-01-19
[86] 2014-07-23 (PCT/IB2014/001375)
[87] (WO2015/011550)
[30] JP (2013-154035) 2013-07-24
[30] JP (2014-082218) 2014-04-11

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[13] A1
[51] **Int.Cl. E21B 25/02 (2006.01) E21B 25/04 (2006.01) E21B 49/06 (2006.01)**
[25] EN
[54] **CORING TOOLS AND METHODS FOR MAKING CORING TOOLS AND PROCURING CORE SAMPLES**
[54] **OUTILS DE CAROTTAGE ET PROCEDES PERMETTANT DE FABRIQUER DES OUTILS DE CAROTTAGE ET DE SE PROCURER DES ECHANTILLONS DE CAROTTE**
[72] WESEMEIER, CHRISTOPH, DE
[72] UHLENBERG, THOMAS, DE
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-01-18
[86] 2014-07-18 (PCT/US2014/047165)
[87] (WO2015/010003)
[30] US (61/847,911) 2013-07-18

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[13] A1
[51] **Int.Cl. A41C 3/06 (2006.01) A41B 11/12 (2006.01)**
[25] FR
[54] **ARTICLE TEXTILE DE LINGERIE A MAINTIEN AMELIORE**
[54] **TEXTILE LINGERIE ITEM WITH IMPROVED HOLD**
[72] TURLAN-VAN DER HOEVEN, MANON, FR
[71] DBAPPAREL OPERATIONS, FR
[85] 2016-01-19
[86] 2014-07-21 (PCT/FR2014/051868)
[87] (WO2015/008006)
[30] FR (13/57128) 2013-07-19

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[13] A1
[51] **Int.Cl. G01B 11/24 (2006.01) A61B 5/00 (2006.01) A61B 5/107 (2006.01) G02B 7/36 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR GENERATING COLOR IMAGES**
[54] **PROCEDES ET SYSTEMES DE GENERATION D'IMAGES EN COULEURS**
[72] MOALEM, YOSI, IL
[71] ALIGN TECHNOLOGY, INC., US
[85] 2016-01-19
[86] 2014-07-30 (PCT/IB2014/001456)
[87] (WO2015/015289)
[30] US (13/957,326) 2013-08-01

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[54] **MODULES DE COMPENSATION DE PRESSION POUR DES OUTILS DE CAROTTAGE, OUTILS DE CAROTTAGE COMPRENANT DES MODULES DE COMPENSATION DE PRESSION, ET PROCEDES S'Y RAPPORTANT**
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[54] **AUDIO ENCODER, AUDIO DECODER AND RELATED METHODS USING TWO-CHANNEL PROCESSING WITHIN AN INTELLIGENT GAP FILLING FRAMEWORK**
[54] **ENCODEUR AUDIO, DECODEUR AUDIO, ET PROCEDES APPARENTES UTILISANT UN TRAITEMENT A DEUX CANAUX AU SEIN D'UNE OSSATURE DE REMPLISSAGE D'ESPACE INTELLIGENTE**
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[72] NAGEL, FREDERIK, DE
[72] GEIGER, RALF, DE
[72] THOSHKAHNA, BALAJI NAGENDRAN, DE
[72] SCHMIDT, KONSTANTIN, DE
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[72] NEUKAM, CHRISTIAN, DE
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[54] **CARTER DE TURBOMACHINE ET PROCEDE DE FABRICATION**
[72] DUBOIS, MARGAUX JUSTINE EMMA, FR
[72] PERSE, ERWAN PIERRE ANTOINE, FR
[72] BADER, VALENTINE, FR
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[54] **APPAREIL ET PROCEDE POUR DECODER UN SIGNAL AUDIO CODE POUR OBTENIR DES SIGNAUX DE SORTIE MODIFIES**
[72] PAULUS, JOUNI, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] MURTAZA, ADRIAN, RO
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[54] **CARACTERISTIQUES DE CIBLAGE DE DISPOSITIF DE BIOPSIE**
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[72] LEIMBACH, JESSICA PYZOHA, US
[72] MESCHER, PATRICK A., US
[72] RHAD, EDWARD A., US
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[54] **GENES DE RESISTANCE AU MILDIOU CHEZ LE TOURNESOL**
[72] VAN SCHIE, CHRISTIANUS CORNELIS NICOLAAS, NL
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[54] **UNIT DOSAGE FORM COMPRISING EMTRICITABINE, TENOFOVIR, DARUNAVIR AND RITONAVIR AND A MONOLITHIC TABLET COMPRISING DARUNAVIR AND RITONAVIR**
[54] **FORME PHARMACEUTIQUE UNITAIRE COMPRENANT DE L'EMTRICITABINE, DU TENOFOVIR, DU DARUNAVIR ET DU RITONAVIR ET UN COMPRIME MONOLITHIQUE COMPRENANT DU DARUNAVIR ET DU RITONAVIR**
[72] SHAHAR, NITZAN, IL
[72] HARONSKY, ELINA, IL
[72] HRAKOVSKY, JULIA, IL
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[54] **COMPOSITION DE LUTTE CONTRE LES MALADIES DES PLANTES ET SON APPLICATION**
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE PROTEGER CONTRE LES FUITES A LA TERRE DES SYSTEMES DE MESURE DE DONNEES DESTINES A DES POMPES SUBMERSIBLES ELECTRONIQUES**
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[72] MANNING, MICHAEL, GB
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **CIRCUIT DE DISTRIBUTION D'ELECTRICITE AVEC INTERRUPTEURS ALIMENTANT AU MOINS DEUX CHARGES PAR DEUX SOURCES**
[72] LUCAS, ROMAIN, FR
[71] HISPANO-SUIZA, FR
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[54] **AUDIO SIGNAL PROCESSING DEVICE, AUDIO SIGNAL PROCESSING METHOD, AND AUDIO SIGNAL PROCESSING PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT DE SIGNAUX VOCAUX, PROCEDE DE TRAITEMENT DE SIGNAUX VOCAUX ET PROGRAMME DE TRAITEMENT DE SIGNAUX VOCAUX**
[72] TSUTSUMI, KIMITAKA, JP
[72] KIKUIRI, KEI, JP
[72] YAMAGUCHI, ATSUSHI, JP
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[54] **SURVEILLANCE CONTINUE AUTOMATIQUE DE MOUVEMENTS DE PATIENT**
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[72] EKIN, AHMET, NL
[72] XIE, YINGRONG, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **SYSTEME ET PROCEDE D'ECLAIRAGE D'UNE GOUTTIERE**
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[54] **EMBOUT MULTIFONCTION POUR TELEMETRIE DES TUBES D'INTERVENTION ENROULES**
[72] PARK, BRIAN V., US
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITIONS, METHODS AND USES FOR POXVIRUS ELEMENTS IN VACCINE CONSTRUCTS AGAINST INFLUENZA VIRUS SUBTYPES OR STRAINS**
[54] **COMPOSITIONS, METHODES ET UTILISATIONS POUR DES ELEMENTS DE POXVIRUS DANS DES CONSTRUCTIONS VACCINALES CONTRE LES SOUS-TYPES OU LES SOUCHES DE VIRUS DE LA GRIPPE**
[72] STINCHCOMB, DAN T., US
[72] OSORIO, JORGE E., US
[72] POWELL, TIMOTHY D., US
[72] JONES, JEREMY, US
[72] BREWOO, JOSEPH N., US
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[54] **SYSTEME ET PROCEDE D'UN CASQUE D'ECOUTE A CORRECTION DE PHASE**
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[54] **SYSTEME A PLUSIEURS CYCLES DE RANKINE A FLUIDE ORGANIQUE, ET PROCEDE**
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[72] WAIN, HANS, US
[72] WILLIAMS, DAVID, US
[71] ELECTRATHERM, INC., US
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[54] **EVALUATION DE SYSTEMES DE TELEMETRIE DE PUITS DE FORAGE**
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[72] STOLPMAN, VICTOR, US
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[54] **ESTIMATION ET CALIBRAGE DES CONDITIONS DE DEFORMATION DE TROU VERS LE BAS**
[72] SAMUEL, ROBELLO, US
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[54] **SYSTEMES ET PROCEDES PROMOTIONNELS A CONTACTS ET/OU DETECTIONS MULTIPLES**
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[71] EL MEDIA HOLDINGS USA, LLC, US
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[54] **PROCEDE ET DISPOSITIF DE COMMANDE D'ECLAIRAGE**
[72] CHANG, FONG-MIN, US
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[54] **IMMUNO-MODULATEURS SERVANT A TRAITER LES SYNDROMES EPITHELIAUX FONCTIONNELS**
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[54] **STEROIDES NEUROACTIFS, COMPOSITIONS, ET LEURS UTILISATIONS**
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[72] HARRISON, BOYD L., US
[72] ROBICHAUD, ALBERT JEAN, US
[72] SALITURO, FRANCESCO GERALD, US
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[54] **WHEEL HOLDER WITH MULTIPLE POSITION ADJUSTABLE STRAP**
[54] **SUPPORT DE ROUE A LANIERE REGLABLE DANS DE MULTIPLES POSITIONS**
[72] PRESCOTT, KEITH L., US
[71] THULE SWEDEN AB, SE
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[54] **CONVERTIBLE MOUNTING BRACKET**
[54] **SUPPORT DE MONTAGE CONVERTIBLE**
[72] PATEL, ASH, US
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[54] **ATTENUATED INFLUENZA VACCINES AND USES THEREOF**
[54] **VACCINS ATTENUES CONTRE LA GRIPPE ET LEURS UTILISATIONS**
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[72] DEWHURST, STEPHEN, US
[72] TREANOR, JOHN, US
[72] KIM, BAEK, US
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[54] **TRANCHES ADHESIVES MOULABLES**
[72] JOHNSEN, KENNETH, US
[71] CONVATEC TECHNOLOGIES INC., US
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[54] **OIL WELL GAS LIFT BY HYDROGEN PRODUCTION THROUGH PRODUCED WATER ELECTROLYSIS COMPLETION**
[54] **EXTRACTION AU GAZ POUR PUITS DE PETROLE PAR PRODUCTION D'HYDROGENE PAR COMPLETION D'ELECTROLYSE DE L'EAU PRODUITE**
[72] AL-MULHEM, ABDULRAHMAN ABDULAZIZ, SA
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **SYSTEM AND METHOD FOR DERIVING MATERIAL CHANGE ATTRIBUTES FROM CURATED AND ANALYZED DATA SIGNALS OVER TIME TO PREDICT FUTURE CHANGES IN CONVENTIONAL PREDICTORS**
[54] **SYSTEME ET PROCEDE D'EXTRACTION D'ATTRIBUTS DE CHANGEMENT MATERIEL A PARTIR DE SIGNAUX DE DONNEES CONSERVES ET ANALYSES AU FIL DU TEMPS AFIN DE PREVOIR DES CHANGEMENTS FUTURS DANS DES PREDICTEURS TRADITIONNELS**
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[72] BASU, NIPA, US
[72] SCRIFFIGNANO, ANTHONY J., US
[72] MATTHEWS, WARWICK R., US
[72] SUNBHANICH, YIEM, US
[72] KIERZKOWSKI, KAROLINA ANNA, US
[72] NICODEMO, JOHN MARK, US
[72] WHITE, BRADLEY, US
[72] KRAMSKAIA, ALLA, US
[72] CRIGLER, BRIAN SCOTT, US
[72] YUAN, XIN, US
[72] DAVIES, ROBIN FRY, US
[72] WACHHOLZ, KATHLEEN, US
[72] MUKHERJEE, SUMANTA, US
[72] LIN, YAN, US
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[54] **CONTROL SYSTEM AND APPARATUS FOR DELIVERY OF A NON-AQUEOUS FRACTURING FLUID**
[54] **SYSTEME DE REGULATION ET APPAREIL D'ALIMENTATION EN FLUIDE DE FRACTURATION NON AQUEUX**
[72] SCHARMACH, WILLIAM, US
[72] DALTON, DANIEL, US
[72] PANNUCIO, GREGORY J., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2016-01-19
[86] 2014-06-19 (PCT/US2014/043082)
[87] (WO2015/030908)
[30] US (61/872,365) 2013-08-30
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[30] US (14/308,151) 2014-06-18
[30] US (14/308,130) 2014-06-18

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[51] **Int.Cl. H04W 74/08 (2009.01) H04W 74/00 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTIPLE USER UPLINK**
[54] **PROCEDES ET APPAREIL POUR UNE LIAISON MONTANTE A PLUSIEURS UTILISATEURS**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-27 (PCT/US2014/052825)
[87] (WO2015/031431)
[30] US (61/871,269) 2013-08-28
[30] US (14/469,175) 2014-08-26

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[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTIPLE USER UPLINK**
[54] **PROCEDES ET APPAREIL POUR UNE LIAISON MONTANTE MULTIUTILISATEUR**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-27 (PCT/US2014/052839)
[87] (WO2015/031439)
[30] US (61/871,269) 2013-08-28
[30] US (14/469,111) 2014-08-26

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 74/00 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTIPLE USER UPLINK**
[54] **PROCEDES ET APPAREIL POUR UNE LIAISON MONTANTE A PLUSIEURS UTILISATEURS**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-27 (PCT/US2014/052884)
[87] (WO2015/031464)
[30] US (61/871,269) 2013-08-28
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[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTIPLE USER UPLINK**
[54] **PROCEDES ET APPAREIL POUR UNE LIAISON MONTANTE MULTIUTILISATEUR**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-27 (PCT/US2014/052889)
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[30] US (61/871,269) 2013-08-28
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[25] EN
[54] **RESIDUAL PREDICTION FOR INTRA BLOCK COPYING**
[54] **PREDICTION RESIDUELLE POUR UNE COPIE INTRA-BLOC**
[72] GUO, LIWEI, US
[72] PANG, CHAO, US
[72] JOSHI, RAJAN LAXMAN, US
[72] SOLE ROJALS, JOEL, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-19
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[30] US (61/870,654) 2013-08-27
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[51] **Int.Cl. G08G 5/00 (2006.01) G01S 13/93 (2006.01)**
[25] EN
[54] **AERIAL VEHICLE AWARENESS DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE DE RECONNAISSANCE DE VEHICULE AERIEN**
[72] HAYES, ANDREW, US
[71] INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY), US
[85] 2016-01-19
[86] 2014-08-26 (PCT/US2014/052701)
[87] (WO2015/031358)
[30] US (61/872,215) 2013-08-30
[30] US (14/453,545) 2014-08-06

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[51] **Int.Cl. B02C 1/02 (2006.01)**
[25] EN
[54] **CRUSHER WITH ADJUSTABLE CLOSED SIDE SETTING**
[54] **BROYEUR A DISPOSITION COTE FERME AJUSTABLE**
[72] PINCKNEY, BLAKE, US
[72] DEDIEMAR, RONALD B., US
[72] WINCHIP, LOU, US
[72] YOUNG, GREGORY A., US
[71] MCLANAHAN CORPORATION, US
[85] 2016-01-19
[86] 2014-09-09 (PCT/US2014/054677)
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[51] **Int.Cl. H04W 4/04 (2009.01) H04W 64/00 (2009.01) G08G 1/127 (2006.01) H04N 5/76 (2006.01)**
[25] EN
[54] **MOBILE ASSET CELLULAR DEVICE TRANSMISSION DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETECTION DE TRANSMISSION DE DISPOSITIF CELLULAIRE D'EQUIPEMENT MOBILE**
[72] JORDAN, LAWRENCE B., US
[72] HEILMANN, MICHAEL, US
[72] MATTA, LISA A., US
[72] SCHMIDT, MICHAEL, US
[71] WI-TRONIX, LLC, US
[85] 2016-01-19
[86] 2014-09-09 (PCT/US2014/054768)
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[25] EN
[54] **IMPROVED PORTABLE RELAXATION THERAPY MASSAGE DEVICE FOR THE HEAD**
[54] **DISPOSITIF PORTATIF AMELIORE DE MASSAGE POUR THERAPIE DE RELAXATION DE LA TETE**
[72] JAGUAN, MAURO, US
[71] JAGUAN, MAURO, US
[85] 2016-01-19
[86] 2014-09-11 (PCT/US2014/055257)
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[25] EN
[54] **DENTAL COMPOSITE COMPOSITIONS FOR REDUCED STRESS SHRINKAGE**
[54] **COMPOSITIONS COMPOSITES DENTAIRES POUR RETRAIT SOUS CONTRAINTE REDUIT**
[72] LU, HUI, US
[72] JIN, XIAOMING, US
[72] KLEE, JOACHIM E., DE
[72] KOLTISKO, BERNARD, US
[71] DENTSPLY INTERNATIONAL INC., US
[85] 2016-01-19
[86] 2014-10-03 (PCT/US2014/058974)
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[51] **Int.Cl. C08J 5/12 (2006.01) B32B 27/28 (2006.01)**
[25] EN
[54] **POLYMERIC MATERIALS**
[54] **MATERIAUX POLYMERES**
[72] WOOD, ALAN, GB
[71] VICTREX MANUFACTURING LIMITED, GB
[85] 2016-01-20
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[51] **Int.Cl. A61L 9/03 (2006.01) A01M 1/20 (2006.01)**
[25] EN
[54] **DEVICE FOR EVAPORATING A VOLATILE FLUID**
[54] **DISPOSITIF POUR EVAPORER UN FLUIDE VOLATIL**
[72] DUFFIELD, JOHN PAUL, GB
[71] RECKITT BENCKISER (BRANDS) LIMITED, GB
[85] 2016-01-20
[86] 2014-08-07 (PCT/GB2014/052424)
[87] (WO2015/019099)
[30] GB (1314117.1) 2013-08-07

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[51] **Int.Cl. A61L 9/03 (2006.01) A01M 1/20 (2006.01)**
[25] EN
[54] **DEVICE FOR EVAPORATING A VOLATILE MATERIAL**
[54] **DISPOSITIF D'EVAPORATION D'UN MATERIAU VOLATIL**
[72] DUFFIELD, JOHN PAUL, GB
[71] RECKITT BENCKISER (BRANDS) LIMITED, GB
[85] 2016-01-20
[86] 2014-08-07 (PCT/GB2014/052426)
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[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR PREPARING AND DISPENSING COFFEE**
[54] **PROCEDE ET APPAREIL POUR LA PREPARATION ET LA DISTRIBUTION DE CAFE**
[72] DOGLIONI MAJER, ALDO, IT
[72] CERIANI, EZIO, IT
[72] DOGLIONI MAJER, CARLO, IT
[72] DOGLIONI MAJER, LUCA, IT
[71] RHEAVENDORS SERVICES S.P.A., IT
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[51] **Int.Cl. F03B 13/10 (2006.01) F03B 17/06 (2006.01) F03D 3/02 (2006.01)**
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[54] **RIVER TURBINE**
[54] **HYDROLIENNE DE RIVIERE**
[72] KUENY, JEAN-LOUIS, FR
[72] ALLIGNE, SEBASTIEN, CH
[71] OPTYDRO CONCEPT SARL, CH
[85] 2016-01-15
[86] 2014-08-07 (PCT/EP2014/067034)
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[30] CH (01367/13) 2013-08-08

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[51] **Int.Cl. B64C 5/02 (2006.01)**
[25] EN
[54] **TAILPLANE WITH POSITIVE CAMBER**
[54] **STABILISATEUR A COURBURE POSITIVE**
[72] CHANDRASEKHARAN, REUBEN, US
[72] AKEL, IYAD, CA
[72] IAROCCI, NICK, CA
[72] VAFA, SHERMINEH, CA
[71] LEARJET INC., US
[85] 2016-01-19
[86] 2014-07-21 (PCT/US2014/047374)
[87] (WO2015/053838)
[30] US (61/856,980) 2013-07-22

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[51] **Int.Cl. A61K 39/395 (2006.01) C12N 15/113 (2010.01) C07K 16/10 (2006.01)**
[25] EN
[54] **ANTI-GALECTIN-1 (GAL1) MONOCLONAL ANTIBODIES AND FRAGMENTS THEREOF FOR NEUTRALIZING GAL1**
[54] **ANTICORPS MONOCLONAUX ANTI-GALECTINE-1 (GAL1) ET LEURS FRAGMENTS POUR NEUTRALISER GAL1**
[72] SHIPP, MARGARET A., US
[72] OUYANG, JING, US
[72] RODIG, SCOTT J., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2016-01-19
[86] 2014-07-23 (PCT/US2014/047784)
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[30] US (61/857,839) 2013-07-24
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[51] **Int.Cl. A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61K 51/04 (2006.01) A61K 51/06 (2006.01) A61P 19/02 (2006.01) A61P 31/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS, METHODS AND KITS FOR DIAGNOSING AND TREATING CD206 EXPRESSING CELL-RELATED DISORDERS**
[54] **COMPOSITIONS, METHODES ET KITS DE DIAGNOSTIC ET DE TRAITEMENT DE TROUBLES ASSOCIES A UNE CELLULE EXPRIMANT CD206**
[72] COPE, FREDERICK, US
[72] BLUE, MICHAEL, US
[72] METZ, WENDY, US
[72] SCHLESINGER, LARRY, US
[71] NAVIDEA BIOPHARMACEUTICALS, INC., US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2016-01-19
[86] 2014-07-22 (PCT/US2014/047708)
[87] (WO2015/013341)
[30] US (61/857,232) 2013-07-22
[30] US (61/879,649) 2013-09-18

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[13] A1
[51] **Int.Cl. H02G 1/02 (2006.01) B66C 1/22 (2006.01) B66C 1/62 (2006.01) H02G 1/04 (2006.01)**
[25] EN
[54] **MOBILE CONDUCTOR LIFT**
[54] **DISPOSITIF DE LEVAGE MOBILE POUR DES CONDUCTEURS**
[72] FRITEL, RAYMOND, US
[72] MARTIN, MELANIE K., US
[72] FARLEY, KARSTEN LEE, US
[71] FRITEL & ASSOCIATES, LLC, US
[85] 2016-01-19
[86] 2014-07-24 (PCT/US2014/047947)
[87] (WO2015/013484)
[30] US (61/857,771) 2013-07-24
[30] US (61/883,993) 2013-09-28
[30] US (14/338,936) 2014-07-23

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **A SYSTEM ?ND A METHOD FOR DEPLETABLE, NATURAL ASSET MANAGEMENT, ACCOUNTING AND ANALYSIS**
[54] **SYSTEME ET PROCEDE DE GESTION, DE COMPTABILISATION ET D'ANALYSE D'ACTIFS NATURELS EPUISABLES**
[72] MEGANNON, JOHN FRANCIS, ZA
[72] LOUBSER, ANDRIES GEORGE HENDRICK, ZA
[72] WOODHALL, MICHAEL, ZA
[72] STRYDOM, EDMUND JOHAN, ZA
[72] MACFARLANE, ALASTAIR STUART, ZA
[71] MINE RP HOLDINGS (PTY) LIMITED, ZA
[85] 2016-01-19
[86] 2014-07-21 (PCT/ZA2014/000036)
[87] (WO2015/039146)
[30] ZA (2013/05515) 2013-07-22

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[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 38/31 (2006.01) A61P 5/02 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY**
[54] **POLYTHERAPIE**
[72] TACHAS, GEORGE, AU
[71] ANTISENSE THERAPEUTICS LTD, AU
[85] 2016-01-20
[86] 2014-06-13 (PCT/AU2014/000613)
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[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTEROPERABLE NETWORK TOKEN PROCESSING**
[54] **SYSTEMES ET PROCEDES DESTINES AU TRAITEMENT DE JETON DE RESEAU INTEROPERABLE**
[72] DILL, MATTHEW, US
[72] LAXMINARAYANAN, PRASANNA, US
[72] POWELL, GLENN, US
[72] SHEETS, JOHN, US
[72] CARPENTER, ANDREW, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2016-01-19
[86] 2014-07-24 (PCT/US2014/048083)
[87] (WO2015/013548)
[30] US (61/858,087) 2013-07-24
[30] US (61/863,863) 2013-08-08
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[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/04 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **SAND CONTROL SYSTEM AND METHODOLOGY**
[54] **SYSTEME ET METHODE DE CONTROLE DU SABLE**
[72] RIISEM, EDVIN EIMSTAD, NO
[72] PETUKHOV, PAVEL, NO
[72] TUNKIEL, ANDRZEJ TADEUSZ, NO
[72] MAINY, AURELIEN, NO
[72] MOEN, TERJE, NO
[72] LANGLAIS, MICHAEL DEAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-01-19
[86] 2014-07-25 (PCT/US2014/048139)
[87] (WO2015/013582)
[30] US (61/858,405) 2013-07-25
[30] US (61/985,289) 2014-04-28

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/22 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING A FETUS DURING LABOR**
[54] **PROCEDE ET APPAREIL PERMETTANT DE SURVEILLER UN F□TUS PENDANT LE TRAVAIL**
[72] WARRICK, PHILIP A., CA
[72] HAMILTON, EMILY, CA
[71] PERIGEN, INC., US
[85] 2016-01-20
[86] 2013-08-16 (PCT/CA2013/000728)
[87] (WO2014/032160)
[30] US (61/693,642) 2012-08-27
[30] US (61/697,996) 2012-09-07
[30] US (61/840,788) 2013-06-28

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **MULTISPECIFIC ANTIBODIES, MULTISPECIFIC ACTIVATABLE ANTIBODIES AND METHODS OF USING THE SAME**
[54] **ANTICORPS MULTISPECIFIQUES, ANTICORPS ACTIVABLES MULTISPECIFIQUES ET LEURS METHODES D'UTILISATION**
[72] IRVING, BRYAN ALLEN, US
[72] HOSTETTER, DANIEL ROBERT, US
[72] WONG, CHIHUNT, US
[72] LOWMAN, HENRY BERNARD, US
[72] WEST, JAMES WILLIAM, US
[72] LA PORTE, SHERRY LYNN, US
[71] CYTOMX THERAPEUTICS, INC., US
[85] 2016-01-19
[86] 2014-07-25 (PCT/US2014/048289)
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[30] US (61/858,402) 2013-07-25

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[13] A1
[51] **Int.Cl. F21V 8/00 (2006.01)**
[25] EN
[54] **LIGHT GUIDE PLATE AND METHOD FOR THE PRODUCTION THEREOF**
[54] **PLAQUE DE GUIDAGE DE LUMIERE ET SON PROCEDE DE FABRICATION**
[72] GROOTHUES, HERBERT, DE
[72] SCHMIDT, JANN, DE
[72] KARAMPOUGIOUKIS, WANGELIS, DE
[72] NEUMAYER, STEPHAN, DE
[72] HARING, HELMUT, DE
[72] SCHONIG, BERTHOLD, DE
[71] EVONIK ROHM GMBH, DE
[85] 2016-01-20
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[30] DE (102013214257.9) 2013-07-22

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[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INCREASING PATIENT ADHERENCE TO MEDICATION TREATMENT REGIMENS**
[54] **SYSTEME ET PROCEDE POUR ACCROITRE UNE CONFORMITE DE PATIENT A DES REGIMES DE TRAITEMENT DE MEDICAMENT**
[72] CRESWELL, CHRISTOPHER, US
[72] BRYLAWSKI, BRANDON, US
[72] HOU, YIXIN, US
[72] CURTIS, ANDREW, US
[72] DAI, WEIZHEN, US
[72] TAYAL, KAMAL, US
[72] TANG, ZILONG, US
[72] AUER, RICHARD, US
[71] DRFIRST.COM, INC., US
[85] 2016-01-19
[86] 2014-07-26 (PCT/US2014/048330)
[87] (WO2015/013695)
[30] US (13/952,366) 2013-07-26

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[51] **Int.Cl. B65G 45/12 (2006.01) B65G 45/16 (2006.01)**
[25] EN
[54] **SCRAPER BLADE ADAPTED TO SCRAPE OFF MATERIAL FROM A CONVEYOR BELT SURFACE AND SCRAPER FOR A CONVEYOR BELT**
[54] **LAME RACLEUSE POUR RACLER DE LA MATIERE D'UNE SURFACE DE BANDE TRANSPORTEUSE, ET RACLOIR POUR BANDE TRANSPORTEUSE**
[72] ROLFSSON, JERKER, SE
[72] PINTO, LUIZ FABIO, BR
[71] METSO MINERALS (SWEDEN) AB, SE
[85] 2016-01-20
[86] 2014-07-11 (PCT/EP2014/064885)
[87] (WO2015/010921)
[30] SE (1350908-8) 2013-07-22

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[51] **Int.Cl. A61M 5/31 (2006.01)**
[25] EN
[54] **INJECTION PEN**
[54] **STYLO D'INJECTION**
[72] CRONENBERG, RICHARD, US
[72] QUINN, MICHAEL V., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-01-19
[86] 2014-07-30 (PCT/US2014/048911)
[87] (WO2015/017550)
[30] US (61/861,918) 2013-08-02

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[51] **Int.Cl. G10L 19/028 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DECODING OR ENCODING AN AUDIO SIGNAL USING ENERGY INFORMATION VALUES FOR A RECONSTRUCTION BAND**
[54] **APPAREIL ET PROCEDE POUR DECODER OU CODER UN SIGNAL AUDIO A L'AIDE DE VALEURS D'INFORMATIONS D'ENERGIE POUR UNE BANDE DE RECONSTRUCTION**
[72] NIEDERMEIER, ANDREAS, DE
[72] ERTEL, CHRISTIAN, DE
[72] GEIGER, RALF, DE
[72] GHIDO, FLORIN, DE
[72] HELMRICH, CHRISTIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD
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[25] EN
[54] **1,4-DISUBSTITUTED PYRIDAZINE DERIVATIVES AND THEIR USE FOR TREATING SMN-DEFICIENCY-RELATED CONDITIONS**
[54] **DERIVES DE PYRIDAZINE 1,4-DISUBSTITUES ET LEUR UTILISATION POUR LE TRAITEMENT DE PATHOLOGIES LIEES A UNE DEFICIENCE EN SMN**
[72] CHEUNG, ATWOOD, US
[72] DALES, NATALIE, US
[72] HURLEY, TIMOTHY BRIAN, US
[71] NOVARTIS AG, CH
[85] 2016-01-19
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[51] **Int.Cl. G10L 21/0388 (2013.01) G10L 19/028 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DECODING AN ENCODED AUDIO SIGNAL USING A CROSS-OVER FILTER AROUND A TRANSITION FREQUENCY**
[54] **APPAREIL ET PROCEDE POUR DECODER UN SIGNAL AUDIO CODE EN UTILISANT UN FILTRE DE TRANSITION AUTOUR D'UNE FREQUENCE DE TRANSITION**
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] HELMRICH, CHRISTIAN, DE
[72] NAGEL, FREDERIK, DE
[72] NEUKAM, CHRISTIAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] FISCHER, MICHAEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] EP (13177346.7) 2013-07-22
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[54] **SAND CONTROL SYSTEM AND METHODOLOGY**
[54] **SYSTEME ET PROCEDE DE CONTROLE DU SABLE**
[72] GREENE, ROBIN MATTHEW, NO
[72] MOEN, TERJE, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-01-19
[86] 2014-07-31 (PCT/US2014/049094)
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[30] US (61/860,807) 2013-07-31
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[51] **Int.Cl. G10L 21/038 (2013.01) G10L 19/028 (2013.01)**
[25] EN
[54] **APPARATUS, METHOD AND COMPUTER PROGRAM FOR DECODING AN ENCODED AUDIO SIGNAL**
[54] **APPAREIL, PROCEDE ET PROGRAMME INFORMATIQUE POUR DECODER UN SIGNAL AUDIO CODE**
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] HELMRICH, CHRISTIAN, DE
[72] NAGEL, FREDERIK, DE
[72] NEUKAM, CHRISTIAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] FISCHER, MICHAEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **METHOD AND SIGNAL PROCESSING UNIT FOR MAPPING A PLURALITY OF INPUT CHANNELS OF AN INPUT CHANNEL CONFIGURATION TO OUTPUT CHANNELS OF AN OUTPUT CHANNEL CONFIGURATION**
[54] **PROCEDE ET UNITE DE TRAITEMENT DE SIGNAUX PERMETTANT DE REALISER UNE MISE EN CORRESPONDANCE ENTRE UNE PLURALITE DE CANAUX D'ENTREE D'UNE CONFIGURATION DE CANAUX D'ENTREE ET DES CANAUX DE SORTIE D'UNE CONFIGURATION DE CANAUX DE SORTIE**
[72] HERRE, JURGEN, DE
[72] KUCH, FABIAN, DE
[72] KRATSCHMER, MICHAEL, DE
[72] KUNTZ, ACHIM, DE
[72] FALLER, CHRISTOPH, CH
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2014-07-15 (PCT/EP2014/065159)
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[25] EN
[54] **ENCODING OF PARTICIPANTS IN A CONFERENCE SETTING**
[54] **CODAGE DE PARTICIPANTS DANS LE CADRE D'UNE CONFERENCE**
[72] O'CONNOR, KEVIN, US
[72] WYSS, FELIX IMMANUEL, US
[71] INTERACTIVE INTELLIGENCE, INC., US
[85] 2016-01-19
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[25] EN
[54] **SUBSTITUTED DIHYDROPYRIDO[3,4-B]PYRAZINONES AS DUAL INHIBITORS OF BET PROTEINS AND POLO-LIKE KINASES**
[54] **DIHYDROPYRIDO[3,4-B]PYRAZINONES SUBSTITUES EN TANT QU'INHIBITEURS MIXTES DES PROTEINES BET ET DES POLO-LIKE KINASES**
[72] SCHMEES, NORBERT, DE
[72] BADER, BENJAMIN, DE
[72] HAENDLER, BERNARD, DE
[72] SCHULZE, VOLKER, DE
[72] HARTUNG, INGO, DE
[72] BOHNKE, NIELS, DE
[72] PUHLER, FLORIAN, US
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2016-01-20
[86] 2014-07-21 (PCT/EP2014/065605)
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[25] EN
[54] **SUBSTITUTED OXOPYRIDINE DERIVATIVES AND USE THEREOF AS FACTOR XIA/PLASMA**
[54] **DERIVES DE L'OXOPYRIDINE SUBSTITUES ET UTILISATION DESDITS DERIVES COMME FACTEUR XIA/PLASMA**
[72] ROHRIG, SUSANNE, DE
[72] HILLISCH, ALEXANDER, DE
[72] STRASSBURGER, JULIA, DE
[72] HEITMEIER, STEFAN, DE
[72] SCHMIDT, MARTINA VICTORIA, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[72] BUCHMULLER, ANJA, DE
[72] GERDES, CHRISTOPH, DE
[72] TELLER, HENRIK, DE
[72] SCHAFER, MARTINA, DE
[72] TERSTEEGEN, ADRIAN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2016-01-20
[86] 2014-07-21 (PCT/EP2014/065608)
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[25] EN
[54] **BELT TRANSMISSION**
[54] **TRANSMISSION A COURROIE**
[72] SERKH, ALEXANDER, US
[72] SCHNEIDER, DEAN, US
[71] GATES CORPORATION, US
[85] 2016-01-19
[86] 2014-08-05 (PCT/US2014/049706)
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[51] **Int.Cl. C12Q 1/18 (2006.01)**
[25] EN
[54] **PRODUCTION OF NONTOXIC RAW MATERIALS AND FINISHED PRODUCTS TESTED BY MEANS OF AN INNOVATIVE PROBIOTIC BACTERIA BASED METHOD FOR DETERMINING TOXICITY TOWARDS PROBIOTIC BACTERIA**
[54] **PRODUCTION DE MATERIAUX BRUTS ET DE PRODUITS FINIS NON TOXIQUES SOUMIS A UN ESSAI AU MOYEN D'UN PROCEDE INNOVANT A BASE DE BACTERIE PRO BIOTIQUE POUR DETERMINER LA TOXICITE ENVERS UNE BACTERIE PROBIOTIQUE**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
[85] 2016-01-20
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[54] **ADAPTIVE RTS/CTS IN HIGH-EFFICIENCY WIRELESS COMMUNICATIONS**
[54] **PROTOCOLE DE DEMANDE D'EMISSION (RTS)/PRET A EMETTRE (CTS) ADAPTATIF DANS DES COMMUNICATIONS SANS FIL HAUTEMENT EFFICACES**
[72] MERLIN, SIMONE, US
[72] CHERIAN, GEORGE, US
[72] ABRAHAM, SANTOSH PAUL, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-12 (PCT/US2014/050714)
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[25] EN
[54] **PACKAGED FOOD ITEM AND METHOD**
[54] **PRODUIT ALIMENTAIRE EMBALLE ET PROCEDE**
[72] LLOYD, ADAM, CH
[72] GUERRA, FILIPA, CH
[72] CLARK, JO-ANN, CH
[72] ANDREWS, RICHARD, GB
[72] EXNER, RON, US
[72] DISAVINO, VINCENT, CH
[71] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-07-23 (PCT/IB2014/063327)
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[25] EN
[54] **FOOD ITEM**
[54] **ARTICLE ALIMENTAIRE**
[72] DHADDA, JASWINDER SINGH, US
[72] ANDREWS, RICHARD JOHN, US
[71] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-07-23 (PCT/IB2014/063330)
[87] (WO2015/019227)
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[51] **Int.Cl. B65D 75/42 (2006.01) B65D 75/58 (2006.01) B65D 85/60 (2006.01)**
[25] EN
[54] **A PACKAGE FOR A PLURALITY OF ARTICLES**
[54] **EMBALLAGE POUR UNE PLURALITE D'ARTICLES**
[72] DHADDA, JASWINDER SINGH, US
[71] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-07-23 (PCT/IB2014/063331)
[87] (WO2015/019228)
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[51] **Int.Cl. A23G 1/20 (2006.01) A23G 1/00 (2006.01) A23G 1/21 (2006.01) A23G 3/02 (2006.01) A23G 3/34 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING A CONFECTIONERY PRODUCT**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN PRODUIT DE CONFISERIE**
[72] GUSTAV, THORSTEN, GB
[72] SCHULZ, MICHAEL, DE
[72] BUFTON, ANDREW CHRISTOPHER, GB
[72] ROCKLAGE, BERNARD, DE
[71] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-07-29 (PCT/IB2014/063508)
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[30] GB (1313539.7) 2013-07-30

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[51] **Int.Cl. A23G 1/54 (2006.01) A23G 3/02 (2006.01) A23G 3/20 (2006.01) A23G 3/34 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A CONFECTIONERY PRODUCT**
[54] **PROCEDE DE PREPARATION DE PRODUIT DE CONFISERIE**
[72] SMITH, BECCY, GB
[71] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-07-30 (PCT/IB2014/063559)
[87] (WO2015/036878)
[30] GB (1316253.2) 2013-09-12

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[25] EN
[54] **PEPTIDE CONJUGATED PARTICLES**
[54] **PARTICULES CONJUGUEES A UN PEPTIDE**
[72] MILLER, STEPHEN D., US
[72] YAP, JONATHAN WOON TECK, US
[72] GETTS, DANIEL R., US
[72] MCCARTHY, DERRICK, US
[72] SHEA, LONNIE D., US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2016-01-19
[86] 2014-08-13 (PCT/US2014/050962)
[87] (WO2015/023796)
[30] US (61/865,389) 2013-08-13
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[51] **Int.Cl. A23G 1/50 (2006.01) A23G 1/22 (2006.01)**
[25] EN
[54] **COMESTIBLE PRODUCT**
[54] **PRODUIT COMESTIBLE**
[72] HARRIS, ADAM, GB
[72] BOULTON, OLIVER JAMES, GB
[72] WATKINS, CLARE LOUISE, GB
[72] CARVAJAL, RICARDO, GB
[71] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-07-31 (PCT/IB2014/063587)
[87] (WO2015/019252)
[30] GB (1314145.2) 2013-08-07

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[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING A MOLDED FOOD ITEM**
[54] **APPAREIL ET PROCEDES DE PRODUCTION D'UN ALIMENT MOULE**
[72] WHITE, DAVID, GB
[72] GUSTAV, THORNSTEN, GB
[72] ROCKLAGE, BERNARD, DE
[72] SCHULZ, MICHAEL, DE
[71] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-09-19 (PCT/IB2014/064668)
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[30] GB (1316737.4) 2013-09-20

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[51] **Int.Cl. B29C 45/56 (2006.01) B29C 45/66 (2006.01)**
[25] EN
[54] **INJECTION MOLDING MACHINE HAVING A LOCKING UNIT**
[54] **MACHINE DE MOULAGE PAR INJECTION POURVUE D'UNE UNITE DE FERMETURE**
[72] KOBEL, PETER, DE
[72] HANKE, UWE, DE
[72] NEUMANN, RUDOLF, DE
[71] SUMITOMO (SHI) DEMAG PLASTICS MACHINERY GMBH, DE
[85] 2016-01-20
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/24 (2006.01) A61K 31/4409 (2006.01) A61K 31/496 (2006.01)**
[25] EN
[54] **ANTI-TUBERCULOSIS STABLE PHARMACEUTICAL COMPOSITION IN A FORM OF A COATED TABLET COMPRISING GRANULES OF ISONIAZID AND GRANULES OF RIFAPENTINE AND ITS PROCESS OF PREPARATION**
[54] **COMPOSITION PHARMACEUTIQUE STABLE ANTI-TUBERCULOSE SOUS LA FORME D'UN COMPRIME REVETU COMPRENANT DES GRANULES D'ISONIAZIDE ET DES GRANULES DE RIFAPENTINE, ET SON PROCEDE DE PREPARATION**
[72] DILIP, PRAJAPATI, FR
[72] KUM, PRASAD, FR
[72] PRAVEEN, KHULLAR, FR
[72] RAMESH, KUMAR, FR
[72] SHAKTI, KUMAR, FR
[71] SANOFI, FR
[85] 2016-01-20
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[25] EN
[54] **ANTITUBERCULAR COMPOSITION COMPRISING RIFAMPICIN, ISONIAZID, ETHAMBUTOL AND PYRAZINAMIDE AND ITS PROCESS OF PREPARATION**
[54] **COMPOSITION ANTI-TUBERCULOSE COMPRENANT DE LA RIFAMPICINE, DE L'ISONIAZIDE, DE L'ETHAMBUTOL ET DE LA PYRAZINAMIDE, ET SON PROCEDE DE PREPARATION**
[72] AMITH, KUMAR, FR
[72] BINDU, MADAVAN, FR
[72] KUM, PRASAD, FR
[72] PRAVEEN, KHULLAR, FR
[71] SANOFI, FR
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[25] EN
[54] **HAIR COLOURING METHODS AND KITS THEREOF**
[54] **PROCEDES ET KITS DE COLORATION CAPILLAIRE**
[72] BONAUER, CHRISTOPH HANS PETER, DE
[72] MYATT, GRAHAM JOHN, US
[72] WANG, NAN, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-19
[86] 2014-08-21 (PCT/US2014/051964)
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[30] EP (13181442.8) 2013-08-23

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[51] **Int.Cl. A61K 8/41 (2006.01) A61Q 5/04 (2006.01) A61Q 5/10 (2006.01)**
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[54] **HAIR TREATMENT METHODS AND KITS THEREOF**
[54] **PROCEDES ET KITS DE TRAITEMENT CAPILLAIRE**
[72] BONAUER, CHRISTOPH HANS PETER, DE
[72] MYATT, GRAHAM JOHN, US
[72] WANG, NAN, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **OVERHEAD CONVEYING DEVICE HAVING A SECURING ELEMENT**
[54] **CONVOYEUR AERIEN EQUIPE D'UN ELEMENT DE SECURITE**
[72] HOSKER, TORSTEN, DE
[71] HOSKER, TORSTEN, DE
[85] 2016-01-21
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[25] EN
[54] **CYCLOBUTYL CARBOXAMIDES AS NEMATICIDES**
[54] **NOUVEAUX COMPOSES**
[72] MONDIERE, REGIS JEAN GEORGES, CH
[72] LOISELEUR, OLIVIER, CH
[72] JEANGUENAT, ANDRE, CH
[72] O'SULLIVAN, ANTHONY CORNELIUS, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2016-01-20
[86] 2014-08-08 (PCT/EP2014/067057)
[87] (WO2015/022265)
[30] EP (13180287.8) 2013-08-13
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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **BROWSING IMAGES VIA MINED HYPERLINKED TEXT SNIPPETS**
[54] **NAVIGATION DANS DES IMAGES AU MOYEN DE FRAGMENTS DE TEXTE HYPERLIES EXPLOITES**
[72] BAKER, SIMON JOHN, US
[72] KANNAN, ANITHA, US
[72] RAMNATH, KRISHNAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-01-20
[86] 2014-08-08 (PCT/US2014/050252)
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[30] US (13/964,516) 2013-08-12

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[25] EN
[54] **METHODS, SYSTEMS, AND APPARATUSES FOR LOW-TEMPERATURE FISCHER-TROPSCH WAX HYDROGENATION**
[54] **PROCEDES, SYSTEMES, ET APPAREILS POUR L'HYDROGENATION A BASSE TEMPERATURE D'UNE CIRE FISCHER-TROPSCH**
[72] HEMMINGS, JOHN, US
[72] INGA, JUAN R., US
[71] GI-GASIFICATION INTERNATIONAL (LUXEMBOURG), S.A., LU
[85] 2016-01-19
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[13] A1
[51] **Int.Cl. G10L 19/02 (2013.01) G10L 21/038 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENCODING OR DECODING AN AUDIO SIGNAL WITH INTELLIGENT GAP FILLING IN THE SPECTRAL DOMAIN**
[54] **APPAREIL OU PROCEDE D'ENCODAGE OU DECODAGE D'UN SIGNAL AUDIO AVEC REMPLISSAGE D'ESPACE INTELLIGENT DANS LE DOMAINE SPECTRAL**
[72] DISCH, SASCHA, DE
[72] NAGEL, FREDERIK, DE
[72] GEIGER, RALF, DE
[72] THOSHKAHNA, BALAJI NAGENDRAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] BAYER, STEFAN, DE
[72] NEUKAM, CHRISTIAN, DE
[72] EDLER, BERND, DE
[72] HELMRICH, CHRISTIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-21
[86] 2014-07-15 (PCT/EP2014/065109)
[87] (WO2015/010948)
[30] EP (13177353.3) 2013-07-22
[30] EP (13177350.9) 2013-07-22
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[30] EP (13177346.7) 2013-07-22
[30] EP (13189362.0) 2013-10-18

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[51] **Int.Cl. G08G 5/00 (2006.01)**
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[54] **DISPOSITIF D'AFFICHAGE DE RECONNAISSANCE DE TERRAIN DE VEHICULE AERIEN**
[72] HAYES, ANDREW, US
[71] INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY), US
[85] 2016-01-19
[86] 2014-08-25 (PCT/US2014/052571)
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[30] US (61/872,215) 2013-08-30
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[51] **Int.Cl. H04L 1/04 (2006.01) H04L 1/00 (2006.01) H04L 1/08 (2006.01) H04L 1/18 (2006.01)**
[25] EN
[54] **LOW RATE DATA COMMUNICATION**
[54] **COMMUNICATION DE DONNEES A BAS DEBIT**
[72] VERMANI, SAMEER, US
[72] TIAN, BIN, US
[72] TANDRA, RAHUL, US
[72] SAMPATH, HEMANTH, US
[72] MERLIN, SIMONE, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-26 (PCT/US2014/052656)
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[30] US (61/871,241) 2013-08-28
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[51] **Int.Cl. C11D 3/37 (2006.01)**
[25] EN
[54] **CLEANING COMPOSITIONS CONTAINING A POLYETHERAMINE**
[54] **COMPOSITIONS DE NETTOYAGE CONTENANT UNE POLYETHERAMINE**
[72] HULSKOTTER, FRANK, DE
[72] CHRISTMAS, KEVIN PATRICK, US
[72] SCIALLA, STEFANO, US
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] WAUN, AMY EICHSTADT, US
[72] REES, DARREN, GB
[72] EBERT, SOPHIA, DE
[72] LUDOLPH, BJOERN, DE
[72] WIGBERS, CHRISTOF, DE
[72] MAAS, STEFFEN, DE
[72] BOECKH, DIETER, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. A43B 13/14 (2006.01) A43C 15/16 (2006.01)**
[25] EN
[54] **CLEATED FOOTWEAR WITH FLEXIBLE CLEATS**
[54] **CHAUSSURES A CRAMPONS AYANT DES CRAMPONS SOUPLES**
[72] HATFIELD, TOBIE D., US
[72] BELL, THOMAS G., US
[72] MADORE, CARL L., US
[71] NIKE INNOVATE C.V., US
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[25] EN
[54] **PRESENTING FIXED FORMAT DOCUMENTS IN REFLOWED FORMAT**
[54] **PRESENTATION DE DOCUMENTS A FORMAT FIXE DANS UN FORMAT REFONDU**
[72] ZENG, WEI, US
[72] ATKINSON, SETH ROBERT, US
[72] NARAYANAN, RAMAN, US
[72] LIU, MING, US
[72] GIL, ALEKSANDR, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[51] **Int.Cl. G10K 11/175 (2006.01)**
[25] EN
[54] **PRESERVING PRIVACY OF A CONVERSATION FROM SURROUNDING ENVIRONMENT**
[54] **PRESERVATION DE LA CONFIDENTIALITE D'UNE CONVERSATION DE SES ALENTOURS**
[72] LEORIN, SIMONE, US
[72] DUONG, NGHIEP DUY, US
[72] SHAW, STEVEN WEI, US
[72] VERTHEIN, WILLIAM GEORGE, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **TONE ALLOCATION FOR MULTIPLE ACCESS WIRELESS NETWORKS**
[54] **ATTRIBUTION DE TONALITE POUR DES RESEAUX SANS FIL A ACCES MULTIPLE**
[72] TANDRA, RAHUL, US
[72] VERMANI, SAMEER, US
[72] TIAN, BIN, US
[72] VAN ZELST, ALBERT, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-20
[86] 2014-08-26 (PCT/US2014/052647)
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[30] US (61/871,221) 2013-08-28
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[51] **Int.Cl. H04S 7/00 (2006.01) G10L 19/008 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAPPING FIRST AND SECOND INPUT CHANNELS TO AT LEAST ONE OUTPUT CHANNEL**
[54] **APPAREIL ET PROCEDE DE MISE EN CORRESPONDANCE D'UN PREMIER ET D'UN SECOND CANAL D'ENTREE AVEC AU MOINS UN CANAL DE SORTIE**
[72] HERRE, JURGEN, DE
[72] KUCH, FABIAN, DE
[72] KRATSCHMER, MICHAEL, DE
[72] KUNTZ, ACHIM, DE
[72] FALLER, CHRISTOPH, CH
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2014-07-15 (PCT/EP2014/065153)
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[51] **Int.Cl. C11D 3/50 (2006.01) A61K 8/11 (2006.01) A61Q 5/00 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **MICROCAPSULE-CONTAINING DETERGENT OR CLEANING AGENT**
[54] **MICROCAPSULE CONTENANT UN DETERGENT OU UN AGENT DE NETTOYAGE**
[72] SMETS, JOHAN, BE
[72] ORLANDINI, LAURA, CH
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. C12N 5/077 (2010.01) C12N 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR SELECTING A PERMISSIVE CELL LINE FOR REPLICATING AVIAN VIRUSES**
[54] **PROCEDE DE SELECTION D'UNE LIGNEE CELLULAIRE PERMISSIVE POUR LA REPLICATION DE VIRUS AVIAIRES**
[72] VAUTHEROT, JEAN-FRANCOIS, FR
[72] PAIN, BERTRAND, FR
[72] DENESVRE, CAROLINE, FR
[72] FRAGNET-TRAPP, LAETITIA, FR
[71] INSTITUTE NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
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[51] **Int.Cl. A61K 9/28 (2006.01) A61K 31/225 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING DIMETHYL FUMARATE FOR ADMINISTRATION AT A LOW DAILY DOSE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DU FUMARATE DE DIMETHYLE POUR UNE ADMINISTRATION A UNE FAIBLE DOSE JOURNALIERE**
[72] GALETZKA, CHRISTIN, DE
[72] RUNDFELDT, CHRIS, DE
[72] RUPP, ROLAND, DE
[72] ANDERSEN, PEDER M., DK
[71] FORWARD PHARMA A/S, DK
[85] 2016-01-20
[86] 2014-08-26 (PCT/EP2014/068094)
[87] (WO2015/028472)
[30] EP (13181735.5) 2013-08-26
[30] US (61/870,096) 2013-08-26
[30] EP (13190304.9) 2013-10-25
[30] US (61/895,740) 2013-10-25
[30] EP (14180569.7) 2014-08-11
[30] US (62/035,898) 2014-08-11

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTIPLE USER UPLINK**
[54] **PROCEDES ET APPAREIL POUR LIAISON MONTANTE MULTIUTILISATEURS**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-20
[86] 2014-08-27 (PCT/US2014/052840)
[87] (WO2015/031440)
[30] US (61/871,269) 2013-08-28
[30] US (62/024,989) 2014-07-15
[30] US (62/028,250) 2014-07-23
[30] US (14/468,942) 2014-08-26

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[51] **Int.Cl. H01L 29/06 (2006.01) H01L 29/66 (2006.01) H01L 29/739 (2006.01)**
[25] EN
[54] **MOS-BIPOLAR DEVICE**
[54] **DISPOSITIF MOS-BIPOLAIRE**
[72] MADATHIL, SANKARA, GB
[71] ECO SEMICONDUCTORS LIMITED, GB
[85] 2016-01-21
[86] 2014-07-02 (PCT/GB2014/052013)
[87] (WO2015/011440)
[30] GB (1313126.3) 2013-07-23
[30] GB (1314474.6) 2013-08-13

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[51] **Int.Cl. G10L 19/022 (2013.01)**
[25] EN
[54] **FREQUENCY-DOMAIN AUDIO CODING SUPPORTING TRANSFORM LENGTH SWITCHING**
[54] **CODAGE AUDIO DE DOMAINE FREQUENTIEL PRENANT EN CHARGE UNE COMMUTATION DE LONGUEUR DE TRANSFORMATION**
[72] DICK, SASCHA, DE
[72] HELMRICH, CHRISTIAN, DE
[72] HOLZER, ANDREAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-21
[86] 2014-07-15 (PCT/EP2014/065169)
[87] (WO2015/010965)
[30] EP (13177373.1) 2013-07-22
[30] EP (13189334.9) 2013-10-18

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[51] **Int.Cl. H04L 1/18 (2006.01) H04B 7/04 (2006.01) H04L 1/00 (2006.01) H04L 1/16 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ACKNOWLEDGMENT OF MULTI-USER UPLINK WIRELESS TRANSMISSIONS**
[54] **PROCEDES ET APPAREIL POUR L'ADMISSION DE TRANSMISSIONS SANS FIL EN LIAISON MONTANTE MULTIUTILISATEURS**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-20
[86] 2014-08-27 (PCT/US2014/052844)
[87] (WO2015/031442)
[30] US (61/871,269) 2013-08-28
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[51] **Int.Cl. G10L 19/02 (2013.01) G10L 19/032 (2013.01) G10L 19/038 (2013.01) G10L 21/038 (2013.01)**
[25] EN
[54] **CONTEXT-BASED ENTROPY CODING OF SAMPLE VALUES OF A SPECTRAL ENVELOPE**
[54] **CODAGE ENTROPIQUE BASE SUR LE CONTEXTE DE VALEURS D'ECHANTILLON D'UNE ENVELOPPE SPECTRALE**
[72] GHIDO, FLORIN, DE
[72] NIEDERMEIER, ANDREAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-21
[86] 2014-07-15 (PCT/EP2014/065173)
[87] (WO2015/010966)
[30] EP (13177351.7) 2013-07-22
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING DIMETHYL FUMARATE FOR ADMINISTRATION AT A LOW DAILY DOSE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DU DIMETHYL FUMARATE POUR L'ADMINISTRATION A UNE FAIBLE DOSE QUOTIDIENNE**
[72] GALETZKA, CHRISTIN, DE
[72] RUNDFELDT, CHRIS, DE
[72] RUPP, ROLAND, DE
[72] ANDERSEN, PEDER M., DK
[71] FORWARD PHARMA A/S, DK
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[86] 2014-08-26 (PCT/EP2014/068095)
[87] (WO2015/028473)
[30] EP (13181735.5) 2013-08-26
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[30] EP (13190304.9) 2013-10-25
[30] US (61/895,740) 2013-10-25
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[51] **Int.Cl. H04W 74/00 (2009.01) H04W 72/12 (2009.01) H04W 74/04 (2009.01) H04B 7/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTI-USER UPLINK**
[54] **PROCEDES ET APPAREIL POUR UNE LIAISON MONTANTE MULTIUTILISATEUR**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-01-20
[86] 2014-08-27 (PCT/US2014/052845)
[87] (WO2015/031443)
[30] US (61/871,269) 2013-08-28
[30] US (14/469,400) 2014-08-26

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[51] **Int.Cl. E02B 15/04 (2006.01) E02B 15/10 (2006.01)**
[25] EN
[54] **A DEVICE FOR REMOVAL OF OIL UNDER ICE**
[54] **DISPOSITIF POUR L'ELIMINATION DE PETROLE SOUS LA GLACE**
[72] LINDHOLM, JAN-ERIK, FI
[71] LAMOR CORPORATION AB, FI
[85] 2016-01-20
[86] 2014-08-05 (PCT/FI2014/050606)
[87] (WO2015/018976)
[30] FI (20135817) 2013-08-06

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[51] **Int.Cl. G10K 15/12 (2006.01) G01H 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING AN AUDIO SIGNAL IN ACCORDANCE WITH A ROOM IMPULSE RESPONSE, SIGNAL PROCESSING UNIT, AUDIO ENCODER, AUDIO DECODER, AND BINAURAL RENDERER**
[54] **PROCEDE DE TRAITEMENT DE SIGNAL AUDIO SELON UNE REPONSE D'IMPULSION D'UNE PIECE, UNITE DE TRAITEMENT DU SIGNAL, CODEUR AUDIO, DECODEUR AUDIO ET DISPOSITIF DE RENDU BINAURAL**
[72] FUG, SIMONE, DE
[72] PLOGSTIES, JAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-21
[86] 2014-07-16 (PCT/EP2014/065227)
[87] (WO2015/010983)
[30] EP (13177362.4) 2013-07-22
[30] EP (13189230.9) 2013-10-18

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[51] **Int.Cl. B23K 9/02 (2006.01) B23K 9/095 (2006.01)**
[25] EN
[54] **SYNCHRONIZED ROTATING ARC WELDING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE SOUDAGE A L'ARC TOURNANT SYNCHRONISE**
[72] HSU, CHRISTOPHER, US
[72] HUTCHISON, RICHARD MARTIN, US
[72] SCOTT, KEVIN MICHAEL, US
[72] PAGANO, KEVIN, US
[72] UECKER, JAMES LEE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-01-20
[86] 2014-09-11 (PCT/US2014/055090)
[87] (WO2015/038711)
[30] US (61/878,404) 2013-09-16
[30] US (14/481,507) 2014-09-09

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[51] **Int.Cl. A23G 1/00 (2006.01) A23G 1/54 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CHOCOLATE PRODUCTS IN THE FORM OF A FLOWER**
[54] **PROCEDE DE PRODUCTION DE PRODUITS DE CHOCOLATERIE EN FORME DE FLEUR**
[72] SULMON, PAUL, BE
[71] PRALIBEL NV, BE
[85] 2016-01-21
[86] 2014-10-02 (PCT/IB2014/065013)
[87] (WO2015/052621)
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[51] **Int.Cl. A61K 31/5415 (2006.01) A61K 31/17 (2006.01) A61K 31/195 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **CARNITINE PALMITOYLTRANSFERASE 1 INHIBITORS FOR INHIBITION OF PATHOLOGICAL ANGIOGENESIS**
[54] **INHIBITEURS DE CARNITINE PALMITOYLTRANSFERASE 1 POUR INHIBER L'ANGIOGENESE PATHOLOGIQUE**
[72] CARMELIET, PETER, BE
[72] SCHOORS, SANDRA, BE
[71] VIB VZW, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U. LEUVEN R&D, BE
[71] LIFE SCIENCES RESEARCH PARTNERS VZW, BE
[85] 2016-01-20
[86] 2014-07-25 (PCT/EP2014/066024)
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[13] A1
[51] **Int.Cl. E02B 15/02 (2006.01) E02B 15/04 (2006.01) E02B 15/08 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR REMOVAL OF OIL UNDER ICE**
[54] **PROCEDE ET SYSTEME D'ELIMINATION DU MAZOUT SOUS LA GLACE**
[72] MUHONEN, JUHA, FI
[71] LAMOR CORPORATION AB, FI
[85] 2016-01-20
[86] 2014-08-05 (PCT/FI2014/050607)
[87] (WO2015/018977)
[30] FI (20135816) 2013-08-06

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[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR LOW DELAY OBJECT METADATA CODING**
[54] **APPAREIL ET PROCEDE POUR LE CODAGE DE METADONNEES D'OBJET A FAIBLE RETARD**
[72] BORSS, CHRISTIAN, DE
[72] ERTEL, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-21
[86] 2014-07-16 (PCT/EP2014/065283)
[87] (WO2015/010996)
[30] EP (EP13177365) 2013-07-22
[30] EP (EP13177367) 2013-07-22
[30] EP (EP13177378) 2013-07-22
[30] EP (EP13189279) 2013-10-18

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[13] A1
[51] **Int.Cl. B23K 9/02 (2006.01) B23K 9/173 (2006.01) B23K 9/29 (2006.01)**
[25] EN
[54] **NARROW GROOVE WELDING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE SOUDAGE A FENTE ETROITE**
[72] PAGANO, KEVIN, US
[72] MARSCHKE, BRYAN DUSTIN, US
[72] JAEGER, THOMAS ROGER, US
[72] BASIT, NAUMAN, US
[72] DOBSON, KENNETH S., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-01-20
[86] 2014-09-11 (PCT/US2014/055094)
[87] (WO2015/038713)
[30] US (61/878,452) 2013-09-16
[30] US (14/481,624) 2014-09-09

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[13] A1
[51] **Int.Cl. A61J 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR HANDLING MEDICINAL AGENT CONTAINER**
[54] **PROCEDE DE MANIPULATION DE RECIPIENTS A MEDICAMENTS**
[72] OHSUMI, FUJIO, JP
[72] ISAKA, AKIHITO, JP
[72] KITANI, MASASHI, JP
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP
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[51] **Int.Cl. C23C 2/12 (2006.01) C22C 21/02 (2006.01) C23C 2/28 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **AL-COATED STEEL SHEET HAVING EXCELLENT TOTAL REFLECTION CHARACTERISTICS AND CORROSION RESISTANCE, AND METHOD FOR MANUFACTURING SAME**
[54] **PLAQUE D'ACIER ALUMINIEE EXCELLENTE EN TERMES DE CARACTERISTIQUES DE REFLEXION TOTALE ET DE RESISTANCE A LA CORROSION, ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] FURUKAWA, SHINYA, JP
[72] HATTORI, YASUNORI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2016-01-20
[86] 2014-07-07 (PCT/JP2014/068035)
[87] (WO2015/022821)
[30] JP (2013-168478) 2013-08-14

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[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/20 (2013.01)**
[25] EN
[54] **MULTI-CHANNEL AUDIO DECODER, MULTI-CHANNEL AUDIO ENCODER, METHODS AND COMPUTER PROGRAM USING A RESIDUAL-SIGNAL-BASED ADJUSTMENT OF A CONTRIBUTION OF A DECORRELATED SIGNAL**
[54] **DECODEUR AUDIO MULTICANAL, CODEUR AUDIO MULTICANAL, PROCEDES ET PROGRAMME D'ORDINATEUR UTILISANT UN REGLAGE A BASE DE SIGNAL RESIDUEL D'UNE CONTRIBUTION D'UN SIGNAL DECORRELE**
[72] DICK, SASCHA, DE
[72] HELMRICH, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[72] HOLZER, ANDREAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[87] (WO2015/011020)
[30] EP (13177375.6) 2013-07-22
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[51] **Int.Cl. B61F 5/10 (2006.01) B60G 17/052 (2006.01) B60G 17/056 (2006.01) F16K 1/52 (2006.01) F16K 31/44 (2006.01)**
[25] EN
[54] **LEVELING VALVE**
[54] **SOUPAPE REGULATRICE DE NIVEAU**
[72] SUZUKI, TSUTOMU, JP
[72] ENDO, YUSUKE, JP
[71] KYB CORPORATION, JP
[85] 2016-01-21
[86] 2013-11-26 (PCT/JP2013/081804)
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[51] **Int.Cl. F01L 1/26 (2006.01) F01L 1/12 (2006.01) F01L 1/30 (2006.01) F01L 1/44 (2006.01)**
[25] EN
[54] **PISTON MACHINE**
[54] **MACHINE A PISTONS**
[72] BURROWS, KENNETH DAVID, AU
[72] JAKOVAC, JACK ZELJKO, AU
[72] JAKOVAC, JASON MATTHEW, AU
[71] IBOS INNOVATIONS PTY LTD, AU
[85] 2016-01-21
[86] 2014-07-25 (PCT/AU2014/050151)
[87] (WO2015/010169)
[30] AU (2013902775) 2013-07-26
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[51] **Int.Cl. G10L 19/008 (2013.01) H04S 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENHANCED SPATIAL AUDIO OBJECT CODING**
[54] **APPAREIL ET PROCEDE POUR MEILLEUR CODAGE OBJET AUDIO SPATIAL**
[72] HERRE, JURGEN, DE
[72] MURTAZA, ADRIAN, RO
[72] PAULUS, JOUNI, DE
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[87] (WO2015/011024)
[30] EP (EP13177357) 2013-07-22
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[51] **Int.Cl. C08J 11/16 (2006.01) C10G 1/00 (2006.01) B01J 29/06 (2006.01)**
[25] EN
[54] **METHOD AND EQUIPMENT FOR PRODUCING HYDROCARBONS BY CATALYTIC DECOMPOSITION OF PLASTIC WASTE PRODUCTS IN A SINGLE STEP**
[54] **PROCEDE ET EQUIPEMENT POUR LA PRODUCTION D'HYDROCARBURES PAR DECOMPOSITION CATALYTIQUE DE DECHETS PLASTIQUES EN UN SEUL PASSAGE**
[72] NORENA FRANCO, LUIS, MX
[72] AGUILAR PLIEGO, JULIA, MX
[72] GUTIERREZ ARZALUZ, MIRELLA, MX
[72] SANCHEZ SANCHEZ, MARICELA, MX
[72] VILLAREAL CARDENAS, LUIS ALBERTO, MX
[72] ROSAS CAMACHO, ANDRES, MX
[72] CISNEROS FARIAS, ARTURO, MX
[72] SALDIVAR GUERRA, ENRIQUE, MX
[72] DE LA PENA MIRELES, IVAN ALEJANDRO, MX
[72] INFANTE MARTINEZ, JOSE RAMIRO, MX
[71] NEWPEK S.A. DE C.V., MX
[85] 2016-01-20
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[25] EN
[54] **METHOD FOR MANUFACTURING SUBSTRATE HAVING TEXTURED STRUCTURE**
[54] **PROCEDE DE FABRICATION D'UN SUBSTRAT PRESENTANT UNE STRUCTURE TEXTUREE**
[72] MASUYAMA, SATOSHI, JP
[72] SHIBANUMA, TOSHIHIKO, JP
[72] TORIYAMA, SHIGETAKA, JP
[72] NISHIMURA, SUZUSHI, JP
[71] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2016-01-21
[86] 2014-05-26 (PCT/JP2014/063802)
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[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **IN AN REDUCTION OF COMB FILTER ARTIFACTS IN MULTI-CHANNEL DOWNMIX WITH ADAPTIVE PHASE ALIGNMENT**
[54] **REDUCTION D'ARTEFACTS DE FILTRE EN PEIGNE DANS UN MIXAGE REDUCTEUR MULTICANAUX A ALIGNEMENT DE PHASE ADAPTATIF**
[72] FUG, SIMONE, DE
[72] KUNTZ, ACHIM, DE
[72] KRATSCHMER, MICHAEL, DE
[72] JUHA, VILKAMO, FI
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2014-07-18 (PCT/EP2014/065537)
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[25] EN
[54] **ALUMINIUM ELECTROLYTIC POT RAMMING MACHINE**
[54] **MACHINE DE BOURRAGE DE CREUSET ELECTROLYTIQUE EN ALUMINIUM**
[72] PUCELLA, GIOVANNI, CA
[72] COTE, PASCAL, CA
[71] STAS INC., CA
[85] 2016-01-21
[86] 2014-07-25 (PCT/CA2014/000590)
[87] (WO2015/010188)
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[51] **Int.Cl. B66B 9/00 (2006.01)**
[25] EN
[54] **PASSENGER AND VEHICLE ELEVATOR SYSTEM**
[54] **SYSTEME D'ASCENSEUR POUR VEHICULES ET POUR PASSAGERS**
[72] DEZER, GIL, US
[71] DEZER, GIL, US
[85] 2016-01-20
[86] 2013-07-23 (PCT/US2013/051590)
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[51] **Int.Cl. B01D 3/14 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DISTILLATIVE SEPARATION OF A THREE- OR MULTI-COMPONENT MIXTURE**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION PAR DISTILLATION D'UN MELANGE TRICOMPOSANT OU MULTICOMPOSANT**
[72] JANSEN, HELMUT, DE
[72] AIGNER, MAXIMILIAN, DE
[72] PROCHASKA, JAN, DE
[71] WACKER CHEMIE AG, DE
[85] 2016-01-21
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[30] DE (102013214765.1) 2013-07-29

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[51] **Int.Cl. F23D 1/02 (2006.01)**
[25] EN
[54] **BURNER FOR THE COMBUSTION OF PARTICULATE FUEL**
[54] **BRULEUR POUR LA COMBUSTION DE COMBUSTIBLE A PARTICULES**
[72] RENNIE, CLIFFORD JOHN, GB
[72] SANSOM, CHRISTOPHER PHILLIP, GB
[72] HOLMES, CLAYTON, GB
[71] KILN FLAME SYSTEMS LIMITED, GB
[85] 2016-01-20
[86] 2014-08-01 (PCT/EP2014/066603)
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[30] GB (1313842.5) 2013-08-02

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[51] **Int.Cl. A61B 34/00 (2016.01) A61B 90/50 (2016.01) A61B 10/04 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION MOUNTING INTERFACE FOR AN IMAGE-GUIDED ROBOTIC SYSTEM AND QUICK RELEASE INTERVENTIONAL TOOLSET**
[54] **INTERFACE DE MONTAGE MULTIFONCTIONNELLE POUR SYSTEME ROBOTIQUE GUIDE PAR IMAGE ET OUTILLAGE D'INTERVENTION A LIBERATION RAPIDE**
[72] ANVARI, MEHRAN, CA
[72] BEVAN, PETER D., CA
[72] FISHER, STEVE, CA
[72] TURNER, ANDREW P., CA
[72] SACHDEV, TEJ, CA
[72] FIELDING, TIMOTHY SCOTT, CA
[72] CHAN, KATHRYN G., CA
[71] CENTRE FOR SURGICAL INVENTION & INNOVATION, CA
[85] 2016-01-21
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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/00 (2006.01) E21B 45/00 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **AUTOMATING DOWNHOLE DRILLING USING WELLBORE PROFILE ENERGY AND SHAPE**
[54] **AUTOMATISATION DE FORAGE DE FOND DE TROU A L'AIDE DE L'ENERGIE DE PROFIL ET DE LA FORME D'UN PUITS DE FORAGE**
[72] SAMUEL, ROBELLO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-20
[86] 2013-08-30 (PCT/US2013/057498)
[87] (WO2015/030790)

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **COATED PARTICLES, INJECTION MATERIAL AND PACKING METHOD**
[54] **PARTICULES ENROBEES, AGENT D'IMPREGNATION, ET PROCEDE DE REMPLISSAGE**
[72] MAEDA, FUMIHIRO, JP
[72] ARITA, YASUSHI, JP
[72] ASAMI, MASAKATSU, JP
[71] SUMITOMO BAKELITE CO., LTD., JP
[85] 2016-01-21
[86] 2014-07-04 (PCT/JP2014/067961)
[87] (WO2015/012088)
[30] JP (2013-156164) 2013-07-26

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[13] A1
[51] **Int.Cl. A01N 43/42 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **BINARY FUNGICIDAL COMPOSITION**
[54] **COMPOSITION FONGICIDE BINAIRE**
[72] GORTZ, ANDREAS, US
[72] ES-SAYED, MAZEN, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2016-01-21
[86] 2014-07-23 (PCT/EP2014/065770)
[87] (WO2015/011166)
[30] EP (13177742.7) 2013-07-24

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[51] **Int.Cl. H04W 4/16 (2009.01) H04W 4/12 (2009.01) H04W 4/24 (2009.01) H04W 8/22 (2009.01)**
[25] EN
[54] **SYSTEM, SMART DEVICE AND METHOD FOR APPORTIONING SMART DEVICE OPERATIONS AND COSTS**
[54] **SYSTEME, DISPOSITIF INTELLIGENT ET PROCEDE DE REPARTITION DES OPERATIONS ET DES COUTS D'UN DISPOSITIF INTELLIGENT**
[72] DAMSTRA, THOM, CA
[71] MOBILITY VIEW INC., CA
[85] 2016-01-21
[86] 2014-07-21 (PCT/CA2014/050686)
[87] (WO2015/010199)
[30] US (61/856,720) 2013-07-21

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[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G01V 1/28 (2006.01) G01V 3/38 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **CART-BASED PROXY FLOW SIMULATION PROCEDURE FOR RANKING GEOSTATISTICAL REALIZATIONS OF ROCK PROPERTIES**
[54] **PROCEDURE DE SIMULATION D'ECOULEMENT PROXY BASE SUR UN ARBRE DE CLASSIFICATION ET DE REGRESSION (CART) POUR CLASSIFICATION DE REALISATIONS GEOSTATIQUES DE PROPRIETES DE ROCHE**
[72] YARUS, JEFFREY MARC, US
[72] SRIVASTAVA, RAE MOHAN, CA
[72] MAUCEC, MARKO, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[86] 2013-08-30 (PCT/US2013/057650)
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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 45/00 (2006.01) G01V 3/20 (2006.01)**
[25] EN
[54] **TOROIDAL LINK FOR RPM MEASUREMENT**
[54] **LIAISON TOROIDALE POUR MESURE DE TOURS PAR MINUTE**
[72] WILLIAMS, PERCIVAL F., GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-20
[86] 2013-09-03 (PCT/US2013/057804)
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[13] A1
[51] **Int.Cl. C12N 15/81 (2006.01) C12N 1/16 (2006.01) C12P 5/00 (2006.01)**
[25] EN
[54] **METHODS FOR STABILIZING PRODUCTION OF ACETYL-COENZYME A DERIVED COMPOUNDS**
[54] **PROCEDES POUR STABILISER LA PRODUCTION DE COMPOSES DERIVES DE L'ACETYL-COENZYME A**
[72] CHUA, PENELOPE R., US
[72] MEADOWS, ADAM, US
[71] AMYRIS, INC., US
[71] TOTAL MARKETING SERVICES, FR
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[86] 2013-08-07 (PCT/US2013/054028)
[87] (WO2015/020649)

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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 47/04 (2012.01)**
[25] EN
[54] **DEEP SENSING SYSTEMS**
[54] **SYSTEMES DE DETECTION PROFONDE**
[72] BITTAR, MICHAEL, US
[72] LI, JING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-20
[86] 2013-09-03 (PCT/US2013/057817)
[87] (WO2015/034461)

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[13] A1
[51] **Int.Cl. G01S 5/04 (2006.01) G01S 3/50 (2006.01) G01S 5/02 (2010.01)**
[25] EN
[54] **LOCATING A TAG IN AN AREA**
[54] **POSITIONNEMENT D'ETIQUETTE DANS UNE ZONE**
[72] VLADIMIROV, SERGEY IGOREVICH, NL
[72] FRANCIONI, EMANUELE, NL
[72] ALDARWISH-VAN KIEL, CHARLOTTE MARIA, NL
[72] VENTURELLI, FULVIO, NL
[71] BEESTAR BV, NL
[85] 2016-01-21
[86] 2013-07-24 (PCT/EP2013/065642)
[87] (WO2015/010734)

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[13] A1
[51] **Int.Cl. C08H 8/00 (2010.01) C05F 5/00 (2006.01) C08K 3/00 (2006.01) C08L 97/00 (2006.01)**
[25] EN
[54] **NOVEL LIGNIN MATERIALS CONTAINING COMPOSITIONS**
[54] **NOUVELLES COMPOSITIONS CONTENANT DES MATERIAUX DE TYPE LIGNINE**
[72] STREFFER, FRIEDRICH, DE
[71] MAXBIOGAS GMBH, DE
[85] 2016-01-21
[86] 2013-12-10 (PCT/EP2013/076056)
[87] (WO2015/018464)
[30] EP (13179394.5) 2013-08-06

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[13] A1
[51] **Int.Cl. E21B 49/02 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR EVALUATION OF ROCK PERMEABILITY, POROSITY, AND FLUID COMPOSITION**
[54] **PROCEDES ET SYSTEMES POUR EVALUER LA PERMEABILITE, LA POROSITE ET LA COMPOSITION DE FLUIDE D'UNE ROCHE**
[72] EZZAT, ABDALLA MOUSTAFA, US
[72] PELLETIER, MICHAEL T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-20
[86] 2013-09-03 (PCT/US2013/057825)
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[13] A1
[51] **Int.Cl. C04B 26/06 (2006.01)**
[25] EN
[54] **RESIN MIXTURE, REACTION RESIN MORTAR, MULTI-COMPONENT MORTAR SYSTEM AND USE THEREOF**
[54] **MELANGE RESINEUX, MORTIER A BASE DE RESINE COMPOSITE, SYSTEME DE MORTIER A PLUSIEURS COMPOSANTS, ET LEUR UTILISATION**
[72] BURGEL, THOMAS, DE
[72] MONCH, MONIKA, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-01-21
[86] 2014-07-23 (PCT/EP2014/065799)
[87] (WO2015/011180)
[30] EP (13177783.1) 2013-07-24

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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/51 (2006.01) A61K 38/17 (2006.01) A61P 3/00 (2006.01) A61P 25/28 (2006.01) A61K 35/761 (2015.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING BRAIN DISEASES**
[54] **PROCEDES ET COMPOSITIONS POUR TRAITER DES MALADIES DU CERVEAU**
[72] DAVIDSON, BEVERLY L., US
[72] TECEDOR, LUIS, US
[72] CHEN, YONG HONG, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2016-01-20
[86] 2014-07-20 (PCT/US2014/047338)
[87] (WO2015/013148)
[30] US (61/859,157) 2013-07-26

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[13] A1
[51] **Int.Cl. A61K 8/35 (2006.01) A61K 8/37 (2006.01) A61K 8/40 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **UV COMPOSITIONS HAVING LOW ACTIVE CONCENTRATIONS AND HIGH IN VIVO SPF**
[54] **COMPOSITIONS ANTI-UV PRESENTANT DES CONCENTRATIONS DE FAIBLE ACTIVITE ET UN FPS IN VIVO ELEVE**
[72] FINLEY, REBECCA ANN, US
[72] PELES, ROBERT JOSEPH, US
[72] TANNER, PAUL ROBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-20
[86] 2014-07-21 (PCT/US2014/047437)
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[30] US (61/856,891) 2013-07-22

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[13] A1
[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/06 (2006.01) A61K 8/20 (2006.01) A61K 8/39 (2006.01) A61K 8/898 (2006.01) A61Q 5/02 (2006.01) A61Q 5/06 (2006.01) A61Q 19/10 (2006.01) C11D 3/37 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **AMINO SILICONE NANOEMULSION**
[54] **NANOEMULSION D'AMINO-SILICIUM**
[72] GARTSTEIN, VLADIMIR, US
[72] MUELLER, WILLIAM RICHARD, US
[72] DEGENHARDT, CHARLES RAYMOND, US
[72] OH, HIROSHI, US
[72] SMITH, STEVEN DARYL, US
[72] VETTER, NICHOLAS DAVID, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-20
[86] 2014-07-22 (PCT/US2014/047557)
[87] (WO2015/013247)
[30] US (61/858,641) 2013-07-26

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[13] A1
[51] **Int.Cl. A61K 8/41 (2006.01) A61K 8/06 (2006.01) A61K 8/898 (2006.01) A61Q 5/02 (2006.01) A61Q 5/06 (2006.01) A61Q 19/10 (2006.01) C11D 3/37 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **AMINO SILICONE NANOEMULSION**
[54] **NANO-EMULSION D'AMINO SILICONE**
[72] OH, HIROSHI, US
[72] GARTSTEIN, VLADIMIR, US
[72] BATES, TIM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-20
[86] 2014-07-22 (PCT/US2014/047558)
[87] (WO2015/013248)
[30] US (61/858,651) 2013-07-26

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[51] **Int.Cl. A61K 31/421 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **FORMULATION OF METAXALONE**
[54] **FORMULATION DE METAXALONE**
[72] BOSCH, H. WILLIAM, US
[71] ICEUTICA INC., US
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[54] **METHOD FOR PRODUCING HYBRID BRASSICA SEED**
[54] **PROCEDE DE PRODUCTION DE SEMENCES HYBRIDES DE BRASSICA**
[72] HASTINGS, CHRISTINA, CA
[72] SCHMIDT, JOHN PAUL, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **INHIBITORS OF TRANSCRIPTION FACTORS AND USES THEREOF**
[54] **INHIBITEURS DES FACTEURS DE TRANSCRIPTION ET LEURS UTILISATIONS**
[72] MARINEAU, JASON J., US
[72] BRADNER, JAMES E., US
[72] ZHANG, WEI, US
[72] QI, JUN, US
[72] MCKEOWN, MICHAEL R., US
[72] FU, HARRY HONGNING, US
[72] LIU, SHUAI, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[25] EN
[54] **MODIFICATION OF SOYBEAN SEED COMPOSITION TO ENHANCE FEED, FOOD AND OTHER INDUSTRIAL APPLICATIONS OF SOYBEAN PRODUCTS**
[54] **MODIFICATION DE LA COMPOSITION DE GRAINE DE SOJA POUR AMELIORER LA NOURRITURE POUR ANIMAUX, LES ALIMENTS ET D'AUTRES APPLICATIONS INDUSTRIELLES DE PRODUITS A BASE DE SOJA**
[72] DAMUDE, HOWARD GLENN, US
[72] MEYER, KNUT, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2016-01-20
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[25] EN
[54] **CENTRIFUGE AND METHOD FOR CENTRIFUGING A REACTION VESSEL UNIT**
[54] **CENTRIFUGEUSE ET PROCEDE DE CENTRIFUGATION D'UNE UNITE DE RECIPIENT DE REACTION**
[72] MANN, WOLFGANG, DE
[72] WANG, ZHAOQIANG, CN
[71] YANTAI AUSBIO LABORATORIES CO., LTD., CN
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[54] **CONTACT APPARATUS AND CHARGING CONTACT UNIT, AND METHOD FOR ELECTRICALLY CONNECTING A VEHICLE TO A CHARGING STATION**
[54] **DISPOSITIF DE CONTACT ET UNITE DE CONTACT DE CHARGE AINSI QUE PROCEDE DE LIAISON ELECTRIQUE D'UN VEHICULE AVEC UNE STATION DE CHARGE**
[72] WEIGEL, WILFRIED, DE
[72] SCHNEIDER, LOTHAR, DE
[72] DOMES, MATTHIAS, DE
[72] THIELMANN, VIKTOR, DE
[72] STAUBACH, TIMO, DE
[72] KLAUSNER, SVEN, DE
[71] SCHUNK BAHN- UND INDUSTRIETECHNIK GMBH, DE
[85] 2016-01-21
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[54] **CONTACT DEVICE AND CHARGING CONTACT UNIT AND METHOD FOR ELECTRICAL CONNECTION OF A VEHICLE TO A CHARGING STATION**
[54] **DISPOSITIF DE CONTACT ET UNITE DE CONTACT DE CHARGE AINSI QUE PROCEDE DE LIAISON ELECTRIQUE D'UN VEHICULE AVEC UNE STATION DE CHARGE**
[72] WEIGEL, WILFRIED, DE
[72] SCHNEIDER, LOTHAR, DE
[72] DOMES, MATTHIAS, DE
[72] THIELMANN, VIKTOR, DE
[72] STAUBACH, TIMO, DE
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[54] **BEARING APPARATUS AND CONTACT APPARATUS, AND METHOD FOR MOUNTING A CONTACT APPARATUS ON A BEARING APPARATUS**
[54] **DISPOSITIF DE SUPPORT ET DISPOSITIF DE CONTACT AINSI QUE PROCEDE DE MONTAGE D'UN DISPOSITIF DE CONTACT SUR UN DISPOSITIF DE SUPPORT**
[72] WEIGEL, WILFRIED, DE
[72] SCHNEIDER, LOTHAR, DE
[72] DOMES, MATTHIAS, DE
[72] THIELMANN, VIKTOR, DE
[72] STAUBACH, TIMO, DE
[71] SCHUNK BAHN- UND INDUSTRIETECHNIK GMBH, DE
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[25] EN
[54] **INDOL AND INDAZOL DERIVATIVES**
[54] **DERIVES D'INDOLES ET INDAZOLES**
[72] BALLARD, THERESA MARIA, FR
[72] GROEBKE ZBINDEN, KATRIN, CH
[72] PINARD, EMMANUEL, FR
[72] RYCKMANS, THOMAS, FR
[72] SCHAFFHAUSER, HERVE, FR
[71] F.HOFFMANN-LA ROCHE AG, CH
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[25] FR
[54] **ROTARY-WAVE SUB-ASSEMBLY FOR PUMPING A FLUID AND ROTARY-WAVE PUMPING DEVICE**
[54] **SOUS-ENSEMBLE OSCILLO-ROTATIF POUR POMPAGE D'UN FLUIDE ET DISPOSITIF DE POMPAGE OSCILLO-ROTATIF**
[72] DEHAN, CHRISTOPHE, FR
[72] WATTELLIER, ARNAUD, FR
[71] EVEON, FR
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[51] **Int.Cl. E02F 9/28 (2006.01)**
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[54] **GROUND ENGAGING TOOL ASSEMBLY**
[54] **ENSEMBLE OUTIL ENTRANT EN CONTACT AVEC LE SOL**
[72] KUNZ, PHILLIP J., US
[71] CATERPILLAR INC., US
[85] 2016-01-20
[86] 2014-07-21 (PCT/US2014/047490)
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[51] **Int.Cl. G06F 1/16 (2006.01) B60R 11/02 (2006.01)**
[25] EN
[54] **HOLDER FOR A TABLET COMPUTER**
[54] **SUPPORT POUR TABLETTE INFORMATIQUE**
[72] PREJER, GUSTAV, SE
[72] STARK, CRISTER, SE
[72] ALBREKTSSON, BENGT-ARNE, SE
[72] VALBERG, STEFAN, SE
[71] VADERSTAD-VERKEN AB, SE
[85] 2016-01-20
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[25] EN
[54] **GROUND ENGAGING TOOL ASSEMBLY**
[54] **ENSEMBLE OUTIL EN INTERACTION AVEC LE SOL**
[72] KUNZ, PHILLIP J., US
[72] AZARI, FARHAD, US
[71] CATERPILLAR INC., US
[85] 2016-01-20
[86] 2014-07-21 (PCT/US2014/047492)
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[51] **Int.Cl. C04B 26/06 (2006.01)**
[25] EN
[54] **REACTION RESIN MORTAR, MULTI-COMPONENT MORTAR SYSTEM AND USE THEREOF**
[54] **MORTIERS DE RESINES DE REACTION, SYSTEME DE MORTIER A PLUSIEURS COMPOSANTS ET LEUR UTILISATION**
[72] BURGEL, THOMAS, DE
[72] MONCH, MONIKA, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-01-21
[86] 2014-07-23 (PCT/EP2014/065803)
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[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **GROUND ENGAGING TOOL ASSEMBLY**
[54] **ENSEMBLE OUTIL DE PRISE AVEC LE SOL**
[72] KUNZ, PHILLIP J., US
[71] CATERPILLAR INC., US
[85] 2016-01-20
[86] 2014-07-25 (PCT/US2014/048127)
[87] (WO2015/017261)
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[51] **Int.Cl. G06K 9/46 (2006.01)**
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[54] **KEYPOINT IDENTIFICATION**
[54] **IDENTIFICATION DE POINTS CLES**
[72] BALESTRI, MASSIMO, IT
[72] FRANCINI, GIANLUCA, IT
[72] LEPSOY, SKJALG, IT
[71] TELECOM ITALIA S.P.A., IT
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[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **GROUND ENGAGING TOOL ASSEMBLY**
[54] **ENSEMBLE OUTIL DE TRAVAIL DU SOL**
[72] KUNZ, PHILLIP J., US
[71] CATERPILLAR INC., US
[85] 2016-01-20
[86] 2014-07-25 (PCT/US2014/048130)
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[51] **Int.Cl. C08G 71/04 (2006.01) C08G 65/333 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING POLYCARBAMATE AND REACTION PRODUCT THEREOF**
[54] **PROCEDE DE PREPARATION DE POLYCARBAMATE ET PRODUIT REACTIONNEL DE CELUI-CI**
[72] YU, XINRUI, US
[72] HE, YIYONG, US
[72] HULL, JOHN W., JR., US
[72] FOLEY, PAUL, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF A POLYUNSATURATED KETONE COMPOUND**
[54] **PROCEDE POUR LA PREPARATION D'UN COMPOSE POLYINSATURE DE CETONE**
[72] SANDBERG, MARCEL, NO
[72] AUKRUST, INGER REIDUN, NO
[71] AVEXXIN AS, NO
[85] 2016-01-21
[86] 2014-07-23 (PCT/EP2014/065853)
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[30] GB (1313238.6) 2013-07-24

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[51] **Int.Cl. C08G 71/04 (2006.01) C08G 65/333 (2006.01)**
[25] EN
[54] **PROCESS TO PRODUCE POLYCARBAMATE USING A GRADIENT FEED OF UREA**
[54] **METHODE DE PRODUCTION DE POLYCARBAMATE AU MOYEN D'UNE ALIMENTATION GRADUEE EN UREE**
[72] YU, XINRUI, US
[72] HE, YIYONG, US
[72] LENG, RONALD B., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-01-20
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[51] **Int.Cl. E06B 9/40 (2006.01)**
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[54] **SHADE STRUCTURE**
[54] **STRUCTURE DE STORE**
[72] ANTONIAZZI, MARCO, IT
[71] ANTONIAZZI, MARCO, IT
[85] 2016-01-21
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[13] A1
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[25] EN
[54] **SYSTEMS AND METHODS FOR RESTRICTING FLUID FLOW IN A WELLBORE WITH AN AUTONOMOUS SEALING DEVICE AND MOTION-ARRESTING STRUCTURES**
[54] **SYSTEMES ET PROCEDES POUR LIMITER UN FLUX DE FLUIDE DANS UN PUITS DE FORAGE AVEC UN DISPOSITIF D'ETANCHEITE AUTONOME ET DES STRUCTURES D'ARRET DE MOUVEMENT**
[72] KUMARAN, KRISHNAN, US
[72] TOLMAN, RANDY C., US
[72] ANGELES BOZA, RENZO M., US
[72] MORROW, TIMOTHY I., US
[72] GRUESCHOW, ERIC R., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[51] **Int.Cl. C07H 19/048 (2006.01)**
[25] EN
[54] **METHODS OF PREPARING NICOTINAMIDE RIBOSIDE AND DERIVATIVES THEREOF**
[54] **PROCEDES DE PREPARATION DE NICOTINAMIDE RIBOSIDE ET DE SES DERIVES**
[72] MIGAUD, MARIE, GB
[72] REDPATH, PHILIP, GB
[72] CROSSEY, KERRI, GB
[72] DOHERTY, MARK, GB
[71] THE QUEEN'S UNIVERSITY OF BELFAST, GB
[85] 2016-01-21
[86] 2014-07-24 (PCT/EP2014/065971)
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[25] EN
[54] **ENCAPSULATED INTERNAL FILTER CAKE BREAKERS WITH IMPROVED RELEASE PROPERTIES**
[54] **AGENTS DE BROYAGE DE GATEAUX DE FILTRATION INTERNES ENCAPSULES AYANT DES PROPRIETES DE LIBERATION AMELIOREES**
[72] LIU, CHUN, US
[72] MOHLER, CAROL ELAINE, US
[72] TYSAK, THEODORE, US
[72] MERCANDO, PAUL, US
[72] ENDER, KACEE B., US
[72] JAIN, DISHA, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2016-01-20
[86] 2014-07-31 (PCT/US2014/049083)
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[51] **Int.Cl. G21F 5/12 (2006.01) B65D 50/00 (2006.01)**
[25] EN
[54] **SEALING BOLT AND SEALING SYSTEM**
[54] **BOULON D'ETANCHEITE ET SYSTEME D'ETANCHEITE**
[72] SIRONI, MARCO, IT
[72] LITTMANN, FRANCOIS, IT
[71] THE EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), REPRESENTED BY THE EUROPEAN COMMISSION, BE
[85] 2016-01-21
[86] 2014-07-25 (PCT/EP2014/066092)
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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **ATYPICAL HEMOLYTIC UREMIC SYNDROME BIOMARKER PROTEINS**
[54] **PROTEINES DE BIO-MARQUEURS DE SYNDROME HEMOLYTIQUE ET UREMIQUE ATYPIQUE**
[72] MCKNIGHT, SUSAN FAAS, US
[72] COFIELL, ROXANNE, US
[72] KUKREJA, ANJLI, US
[72] BEDARD, KRYSTIN A. (DECEASED), US
[72] YAN, YAN, US
[71] ALEXION PHARMACEUTICALS, INC., US
[85] 2016-01-20
[86] 2014-08-06 (PCT/US2014/049957)
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[30] US (61/863,299) 2013-08-07
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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/103 (2014.01) H04N 19/17 (2014.01)**
[25] EN
[54] **AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VIDEO CODING AND DECODING**
[54] **APPAREIL, PROCEDE ET PROGRAMME D'ORDINATEUR DE CODAGE ET DE DECODAGE VIDEO**
[72] LAINEMA, JANI, FI
[72] UGUR, KEMAL, FI
[72] HANNUKSELA, MISKA, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2016-01-21
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[13] A1
[51] **Int.Cl. B41M 5/382 (2006.01) B44C 1/17 (2006.01) G07B 1/00 (2006.01) G07F 11/70 (2006.01)**
[25] EN
[54] **MODULAR SUBLIMATION TRANSFER PRINTING APPARATUS**
[54] **APPAREIL MODULAIRE D'IMPRESSION A TRANSFERT PAR SUBLIMATION**
[72] ROSNER, BRIAN, US
[72] WILL, GARY EDWARD, US
[72] SOLACE, BRYAN KEITH, US
[71] THE HILLMAN GROUP, INC., US
[85] 2016-01-21
[86] 2014-07-08 (PCT/US2014/045719)
[87] (WO2015/013025)
[30] US (13/951,127) 2013-07-25
[30] US (13/951,175) 2013-07-25
[30] US (13/951,150) 2013-07-25
[30] US (13/951,196) 2013-07-25
[30] US (61/911,928) 2013-12-04
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[13] A1
[51] **Int.Cl. F28F 21/06 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **ENTHALPY EXCHANGER ELEMENT AND METHOD FOR THE PRODUCTION**
[54] **ELEMENT D'ECHANGEUR ENTHALPIQUE ET SON PROCEDE DE FABRICATION**
[72] RIENDEAU, MARCEL, DE
[72] HIRSCH, CHRISTIAN, DE
[72] KRUMPHOLZ, ERHARD, CH
[71] ZEHNDER GROUP INTERNATIONAL AG, CH
[85] 2016-01-21
[86] 2014-07-17 (PCT/IB2014/001355)
[87] (WO2015/011543)
[30] EP (13003673.4) 2013-07-22

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[51] **Int.Cl. F28D 21/00 (2006.01) F28F 21/06 (2006.01)**
[25] EN
[54] **ENTHALPY EXCHANGER ELEMENT AND METHOD FOR THE PRODUCTION**
[54] **ELEMENT D'ECHANGEUR ENTHALPIQUE ET SON PROCEDE DE FABRICATION**
[72] RIENDEAU, MARCEL, FR
[72] HIRSCH, CHRISTIAN, DE
[72] KRUMPHOLZ, ERHARD, CH
[71] ZEHNDER GROUP INTERNATIONAL AG, CH
[85] 2016-01-21
[86] 2014-07-17 (PCT/IB2014/001356)
[87] (WO2015/011544)
[30] EP (13003672.6) 2013-07-22

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) C07C 7/11 (2006.01) C07C 7/144 (2006.01) C07C 9/12 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **SEPARATIONS WITH IONIC LIQUID SOLVENTS**
[54] **SEPARATIONS A L'AIDE DE SOLVANTS LIQUIDES IONIQUES**
[72] JI, LEI, US
[72] CHANG, AI-FU, US
[72] TIMKEN, HYE-KYUNG, US
[72] DRIVER, MICHAEL, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2016-01-21
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[13] A1
[51] **Int.Cl. H01L 35/30 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HARVESTING ENERGY DOWN-HOLE FROM AN ISOTHERMAL SEGMENT OF A WELLBORE**
[54] **SYSTEME ET PROCEDE POUR RECOLTER DE L'ENERGIE EN FOND DE TROU A PARTIR D'UN SEGMENT ISOTHERME D'UN PUITS DE FORAGE**
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **SYSTEMS AND METHODS FOR DETERMINING SPECIFIC GRAVITY AND MINEROLOGICAL PROPERTIES OF A PARTICLE**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE GRAVITE SPECIFIQUE ET DE PROPRIETES MINERALOGIQUES DE PARTICULE**
[72] LARSON, THOMAS ROBERT, US
[71] NATIONAL OILWELL VARCO, L.P., US
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[54] **PROCESSING TOMATO AND METHODS OF PRODUCING AND USING SAME**
[54] **TOMATE DE TRANSFORMATION ET PROCEDE DE PRODUCTION ET D'UTILISATION CORRESPONDANT**
[72] SCHAFFER, ARTHUR A., IL
[71] THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI CENTER), IL
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[54] **AUTOMATED SYSTEM AND METHOD FOR SUBLIMATING AN IMAGE ONTO A PRODUCT**
[54] **SYSTEME ET PROCEDE AUTOMATIQUES POUR SUBLIMER UNE IMAGE SUR UN PRODUIT**
[72] WILL, GARY EDWARD, US
[72] TARTER, MARK LESLIE, US
[72] SOLACE, BRYAN KEITH, US
[72] HUSS, JAMES FRANCIS, US
[71] THE HILLMAN GROUP INC., US
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[54] **A FLUID DRIVEN PRIME MOVER SYSTEM**
[54] **SYSTEME DE MOTEUR PRINCIPAL ENTRAINE PAR UN FLUIDE**
[72] KAMATH, DAS AJEE, IN
[71] KAMATH, DAS AJEE, IN
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[25] EN
[54] **RESIN COMPOSITION, INJECTION MATERIAL AND PACKING METHOD**
[54] **COMPOSITION DE RESINE, AGENT D'IMPREGNATION, ET PROCEDE DE REMPLISSAGE**
[72] MAEDA, FUMIHIRO, JP
[72] ARITA, YASUSHI, JP
[72] ASAMI, MASAKATSU, JP
[71] SUMITOMO BAKELITE CO., LTD., JP
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF CANCER**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT ET/OU LA PREVENTION DU CANCER**
[72] OKANO, FUMIYOSHI, JP
[72] SAITO, TAKANORI, JP
[72] MINAMIDA, YOSHITAKA, JP
[72] IDO, TAKAYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
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[51] **Int.Cl. A47J 19/02 (2006.01)**
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[54] **JUICING DEVICE FOR AGRICULTURAL PRODUCTS SUCH AS CITRUS FRUITS AND THE LIKE**
[54] **DISPOSITIF D'EXTRACTION DE JUS POUR PRODUITS AGRICOLES TELS QUE DES AGRUMES ET AUTRES**
[72] CATALANO, MARCELLO NUNZIO, IT
[72] TORRISI, SALVATORE MARIA VITTORIO, IT
[71] A.A.T. AGROINDUSTRY ADVANCED TECHNOLOGIES S.P.A., IT
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[54] **IMIDAZOLECARBOXAMIDES AND THEIR USE AS FAAH INHIBITORS**
[54] **IMIDAZOLECARBOXAMIDES ET LEUR UTILISATION COMME INHIBITEURS DE FAAH**
[72] ROSA, CARLA PATRICIA DA COSTA PEREIRA, PT
[72] GUSMAO DE NORONHA, RITA, PT
[72] KISS, LASZLO ERNO, PT
[71] BIAL - PORTELA & CA, S.A., PT
[85] 2016-01-21
[86] 2014-07-24 (PCT/PT2014/000049)
[87] (WO2015/012708)
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[54] **APPARATUS FOR REGULATION OF THE PRESSURE OF A GAS**
[54] **APPAREIL DESTINE A REGULER LA PRESSION D'UN GAZ**
[72] WILLIAMS, MARK SHERMAN, GB
[72] PEMBERTON, GARETH ROSS, GB
[72] ALFOLDI, CSABA, BE
[71] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **PROTECTION STRUCTURE FOR GAS CYLINDER AND VALVE ARRANGEMENT**
[54] **STRUCTURE DE PROTECTION POUR BOUTEILLE DE GAZ ET AGENCEMENT DE SOUPAPE**
[72] WILLIAMS, MARK SHERMAN, GB
[72] PEMBERTON, GARETH ROSS, GB
[72] ALFOLDI, CSABA, BE
[71] AIR PRODUCTS AND CHEMICALS, INC., US
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[25] EN
[54] **AUTOMATED SIMULTANEOUS MULTIPLE ARTICLE SUBLIMATION PRINTING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'IMPRESSION PAR SUBLIMATION SIMULTANEE ET AUTOMATISEE DE MULTIPLES ARTICLES**
[72] WILL, GARY EDWARD, US
[72] TARTER, MARK LESLIE, US
[72] SOLACE, BRYAN KEITH, US
[72] HUSS, JAMES FRANCIS, US
[71] THE HILLMAN GROUP, INC., US
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[51] **Int.Cl. G02B 6/36 (2006.01)**
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[54] **EXPANDED BEAM FIBER OPTIC CONNECTOR, AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING**
[54] **ENSEMBLE CABLE ET CONNECTEUR DE FIBRE OPTIQUE A FAISCEAU ELARGI ET PROCEDES DE FABRICATION ASSOCIES**
[72] LU, YU, US
[72] DUIS, JEROEN ANTONIUS MARIA, NL
[72] FLORIS, SANDER JOHANNES, NL
[72] NOUWS, SIMON PETRUS ANDREAS BARTHOLOMEUS, NL
[71] ADC TELECOMMUNICATIONS, INC., US
[71] TE CONNECTIVITY NEDERLAND B.V., NL
[85] 2016-01-21
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[54] **FIBER OPTIC CABLE AND CONNECTOR ASSEMBLY INCLUDING INTEGRATED ENHANCED FUNCTIONALITY**
[54] **ENSEMBLE CABLE A FIBRES OPTIQUES ET CONNECTEUR DE FIBRES OPTIQUES A FONCTIONNALITE AMELIOREE INTEGREE**
[72] LU, YU, US
[72] KADAR-KALLEN, MICHAEL AARON, US
[71] ADC TELECOMMUNICATIONS, INC., US
[71] TYCO ELECTRONICS CORPORATION, US
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[54] **MULTIPORT POUR FIBRE OPTIQUE**
[72] BARNETTE, ROBERT ELVIN, JR., US
[72] TRAN, HIEU VINH, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2015-08-05
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[54] **SEAMLESS CALL TRANSITIONS**
[54] **TRANSITIONS D'APPEL TRANSPARENTES**
[72] JAFRY, SYED MANSOOR, US
[72] WOOLSEY, KERRY D., US
[72] DVORAK, CASEY, US
[72] HE, TONY, US
[72] BERGLER, PETER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **GROOVED SWELLABLE PACKER**
[54] **PACKER GONFLABLE RAINURE**
[72] DAVIS, TIM, US
[72] KUTAC, ANDREW, US
[72] GREENAN, IAIN M., US
[72] FRISBY, RAY, US
[71] TAM INTERNATIONAL, INC., US
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[25] EN
[54] **METHOD OF PRODUCING SUCCINIC ACID AND OTHER CHEMICALS USING FACILITATED DIFFUSION FOR SUGAR IMPORT**
[54] **PROCEDE DE PRODUCTION D'ACIDE SUCCINIQUE ET D'AUTRES PRODUITS CHIMIQUES UTILISANT LA DIFFUSION FACILITEE POUR L'IMPORTATION DE SUCRE**
[72] YOCUM, R. ROGERS, US
[72] COLLARD, ANDREW CHRISTOPHER, US
[72] HERMANN, THERON, US
[72] YU, XIAOHUI, US
[72] GONG, WEI, US
[71] MYRIANT CORPORATION, US
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[54] **PACKAGING CUE SYSTEM FOR CONSUMER PRODUCTS**
[54] **SYSTEME DE SIGNAL D'EMBALLAGE POUR DES PRODUITS DE CLIENT**
[72] WEINTRAUB, GARY D., US
[72] TEMPLETON, LYNN, US
[71] S.C. JOHNSON & SON, INC., US
[85] 2016-01-21
[86] 2014-07-23 (PCT/US2014/047848)
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[54] **MULTI-THREAD BLOCK MATRIX SOLVER FOR WELL SYSTEM FLUID FLOW MODELING**
[54] **RESOLVEUR DE MATRICE A PLUSIEURS FILS POUR MODELISATION D'ECOULEMENT DE FLUIDE DE SYSTEME DE PUITS**
[72] SHETTY, DINESH ANANDA, US
[72] LIN, AVI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-21
[86] 2014-08-27 (PCT/US2014/052999)
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[51] **Int.Cl. G06T 17/00 (2006.01)**
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[54] **SYSTEM FOR AND METHOD OF GENERATING USER-SELECTABLE NOVEL VIEWS ON A VIEWING DEVICE**
[54] **SYSTEME ET PROCEDE DE GENERATION DE NOUVELLES VUES SELECTIONNABLES PAR UN UTILISATEUR SUR UN DISPOSITIF DE VISUALISATION**
[72] HAIMOVITCH-YOGEV, OREN, IL
[72] SHAPIRA, MATTEO, IL
[72] SHAPIRA, AVIV, IL
[72] PRILUSKY, DIEGO, IL
[72] BEN ZVI, YANIV, IL
[71] REPLAY TECHNOLOGIES INC., US
[85] 2016-01-21
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[51] **Int.Cl. G06T 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF LIMITING PROCESSING BY A 3D RECONSTRUCTION SYSTEM OF AN ENVIRONMENT IN A 3D RECONSTRUCTION OF AN EVENT OCCURRING IN AN EVENT SPACE**
[54] **SYSTEME ET PROCEDE DE LIMITATION DE TRAITEMENT PAR UN SYSTEME DE RECONSTRUCTION 3D D'UN ENVIRONNEMENT DANS UNE RECONSTRUCTION 3D D'UN EVENEMENT SE PRODUISANT DANS UN ESPACE D'EVENEMENT**
[72] HAIMOVITCH-YOGEV, OREN, IL
[72] SHAPIRA, MATTEO, IL
[72] SHAPIRA, AVIV, IL
[72] PRILUSKY, DIEGO, IL
[72] BEN ZVI, YANIV, IL
[71] REPLAY TECHNOLOGIES INC., US
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[25] EN
[54] **A CONTAINER**
[54] **RECIPIENT**
[72] CUTTS, MATTHEW, AU
[72] FORD, MICHAEL, AU
[72] MORRISON, LYNNE, AU
[72] BRENNAN, JAMES, AU
[72] MAY, STUART, AU
[72] CORMACK, MATTHEW, AU
[71] MARS INCORPORATED, US
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[25] EN
[54] **METHOD FOR PRODUCING A COMPOSITE MOULDED BODY AND CORRESPONDING COMPOSITE MOULDED BODY**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT FACONNE COMPOSITE ET ELEMENT FACONNE COMPOSITE CORRESPONDANT**
[72] TAJIK, MAHMOUD REZA, DE
[71] TAJIK, MAHMOUD REZA, DE
[71] ORTHO-NOVA GMBH FUR ORTHOPADIE-TECHNIK, DE
[85] 2016-01-21
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[25] EN
[54] **LUBRICATION SYSTEM AND CONTROLLER**
[54] **SYSTEME DE LUBRIFICATION ET DISPOSITIF DE COMMANDE**
[72] BECK, DAVE, US
[72] DONOVAN, NATHAN, US
[72] KRASSINGER, ERIC, US
[71] LINCOLN INDUSTRIAL CORPORATION, US
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[25] EN
[54] **GLOBAL GRID BUILDING IN REVERSE FAULTED AREAS BY AN OPTIMIZED UNFAULTING METHOD**
[54] **CONSTRUCTION DE GRILLE GLOBALE DANS DES ZONES A FAILLE INVERSE PAR UN PROCEDE DE SUPPRESSION DE FAILLES OPTIMISE**
[72] XU, ZITAO, US
[72] SHI, GENBAO, US
[72] CHIEN, CHIKANG DAVID, US
[72] YARUS, JEFFREY, US
[72] CHAMBERS, RICHARD L., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **SEQUENTIAL SURFACTANT TREATMENTS FOR ENHANCING FRACTURING FLUID RECOVERY**
[54] **TRAITEMENTS SEQUENTIELS PAR AGENT TENSIOACTIF POUR AMELIORER LA RECUPERATION DE FLUIDE DE FRACTURATION**
[72] WEAVER, JIM, US
[72] MCCABE, MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-21
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[51] **Int.Cl. B23P 15/28 (2006.01) B24B 3/46 (2006.01)**
[25] EN
[54] **WAVY AGRICULTURAL TILLAGE BLADE WITH SHARPENED EDGE**
[54] **LAME ONDULEE AGRICOLE DE TRAVAIL DU SOL DOTEE D'UN BORD TRANCHANT**
[72] BRUCE, DOUGLAS G., US
[71] BRUCE, DOUGLAS G., US
[85] 2016-01-21
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[30] US (13/956,678) 2013-08-01

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[25] EN
[54] **REMOTE CONTROL APPLICATION FOR WIRELESS BOOSTER**
[54] **APPLICATION DE COMMANDE A DISTANCE POUR UN AMPLIFICATEUR SANS FIL**
[72] TERRY, SCOTT, US
[71] WIRELESS EXTENDERS, INC., US
[85] 2016-01-21
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[25] EN
[54] **MODELING FLUID DISPLACEMENT IN A WELL SYSTEM ENVIRONMENT**
[54] **MODELISATION DE DEPLACEMENT DE FLUIDES DANS UN ENVIRONNEMENT SYSTEME DE PUITS**
[72] WU, HONGFEI, US
[72] MADASU, SRINATH, US
[72] LIN, AVI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-21
[86] 2014-02-11 (PCT/US2014/015882)
[87] (WO2015/030863)
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[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/28 (2006.01)**
[25] EN
[54] **INDEX FOR ELECTRONIC STRING OF SYMBOLS**
[54] **INDEX POUR CHAINE ELECTRONIQUE DE SYMBOLES**
[72] SANKAR, SRIRAM, US
[71] FACEBOOK, INC., US
[85] 2016-01-21
[86] 2014-07-24 (PCT/US2014/047928)
[87] (WO2015/013471)
[30] US (13/952,474) 2013-07-26

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[54] **BURNER ASSEMBLY AND METHOD FOR COMBUSTION OF GASEOUS OR LIQUID FUEL**
[54] **ENSEMBLE DE BRULEUR ET PROCEDE POUR LA COMBUSTION DE COMBUSTIBLE GAZEUX OU LIQUIDE**
[72] MUNKO, ANDREAS, DE
[72] KOHLER, HARTMUT, DE
[71] OUTOTEC (FINLAND) OY, FI
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[54] **PROCEDE ET DISPOSITIF D'APPLICATION D'UNE MARQUE AURICULAIRE**
[72] BERNER, ALEXANDER, DE
[71] PRIONICS AG, CH
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[25] EN
[54] **CLAMPING JAW FOR A SUPPORT ASSEMBLY FOR A BICYCLE CARRIER**
[54] **MACHOIRE DE SERRAGE POUR UN ENSEMBLE DE SUPPORT POUR UN PORTE-BICYCLETTE**
[72] ZANDER, PATRIK, SE
[72] SJODELL, ANDERS, SE
[71] THULE SWEDEN AB, SE
[85] 2016-01-22
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[25] EN
[54] **COMPOSITE ELEMENT AND USE THEREOF**
[54] **ELEMENT COMPOSITE ET SON UTILISATION**
[72] MEISS, JENS, DE
[72] OTTERMANN, CLEMENS, DE
[72] ESEMANN, HAUKE, DE
[72] FECHNER, JOERG HINRICH, DE
[72] ORTNER, ANDREAS, DE
[72] LIEBALD, RAINER, DE
[72] KUREK, KLAUS-PETER, DE
[72] HEISS-CHOUQUET, MARKUS, DE
[71] SCHOTT AG, DE
[85] 2016-01-22
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[54] **COMPOSITE ELEMENT AND USE THEREOF**
[54] **ELEMENT COMPOSITE ET SON UTILISATION**
[72] MEISS, JENS, DE
[72] OTTERMANN, CLEMENS, DE
[72] ESEMANN, HAUKE, DE
[72] FECHNER, JOERG HINRICH, DE
[72] HEISS-CHOUQUET, MARKUS, DE
[71] SCHOTT AG, DE
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[54] **MULTI-CHANNEL DECORRELATOR, MULTI-CHANNEL AUDIO DECODER, MULTI-CHANNEL AUDIO ENCODER, METHODS AND COMPUTER PROGRAM USING A PREMIX OF DECORRELATOR INPUT SIGNALS**
[54] **DECORRELATEUR MULTICANAL, DECODEUR AUDIO MULTICANAL, CODEUR AUDIO MULTICANAL, PROCEDES ET PROGRAMME D'ORDINATEUR UTILISANT UN PREMELANGE DE SIGNAUX D'ENTREE DE DECORRELATEUR**
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] HERRE, JUERGEN, DE
[72] MURTAZA, ADRIAN, RO
[72] PAULUS, JOUNI, DE
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-22
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[54] **MULTI-CHANNEL AUDIO DECODER, MULTI-CHANNEL AUDIO ENCODER, METHODS, COMPUTER PROGRAM AND ENCODED AUDIO REPRESENTATION USING A DECORRELATION OF RENDERED AUDIO SIGNALS**
[54] **DECODEUR AUDIO MULTIVOIE, CODEUR AUDIO MULTIVOIE, PROCEDES, PROGRAMME INFORMATIQUE ET REPRESENTATION AUDIO CODEE UTILISANT UNE DECORRELATION DE SIGNAUX AUDIO RENDUS**
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] HERRE, JURGEN, DE
[72] MURTAZA, ADRIAN, RO
[72] PAULUS, JOUNI, DE
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
[71] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **A WIND TURBINE BLADE HAVING A BOND LINE ADJACENT A SANDWICH PANEL OF THE BLADE**
[54] **PALE D'EOLIENNE POSSEDANT UNE LIGNE DE LIAISON ADJACENTE A UN PANNEAU SANDWICH DE LA PALE**
[72] GARM, JESPER HASSELBALCH, DK
[71] LM WP PATENT HOLDING A/S, DK
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[25] EN
[54] **ACOUSTIC PANEL**
[54] **PANNEAU ACOUSTIQUE**
[72] JONES, CRAIG, GB
[71] GEKO INNOVATIONS LIMITED, IE
[85] 2016-01-22
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[51] **Int.Cl. H02P 21/13 (2006.01) H02P 21/14 (2016.01) H02P 23/12 (2006.01) H02P 23/14 (2006.01)**
[25] FR
[54] **BAIE MODULAIRE D'ONDULEURS ET SON PROCEDE DE PILOTAGE POUR UN ENSEMBLE DE MACHINES ELECTRIQUES DEPOURVUES DE CAPTEURS DE POSITION**
[54] **MODULAR INVERTER BAY AND CONTROL METHOD FOR SAME FOR A SET OF ELECTRIC MACHINES WITH NO POSITION SENSORS**
[72] DAL, ARNAUD, FR
[71] THALES, FR
[85] 2016-01-22
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[54] **FLUID FILLED LENSES AND MECHANISMS OF INFLATION THEREOF**
[54] **LENTILLES REMPLIES DE FLUIDE ET MECANISMES DE GONFLAGE DE CELLES-CI**
[72] SENATORE, DANIEL, US
[72] PETERSON, MATTHEW WALLACE, US
[72] DOWNING, JONATHAN, US
[72] GUPTA, AMITAVA, US
[72] EGAN, WILLIAM, US
[72] NIBAUER, LISA, US
[72] STANGOTA, FRANK, US
[72] DECKER, BRUCE, US
[72] MCGUIRE, THOMAS M., US
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[25] EN
[54] **PLANTER SEED METER WITH ACCELERATOR WHEEL SYSTEM**
[54] **DOSEUR DE SEMENCES POUR PLANTEUSE DOTE D'UN SYSTEME DE ROUE D'ACCELERATEUR**
[72] WENDTE, KEITH W., US
[72] ADAMS, BRIAN T., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2015-12-18
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[54] **DRUG DELIVERY SYSTEM AND METHOD OF MANUFACTURING THEREOF**
[54] **SYSTEME DE DELIVRANCE DE MEDICAMENTS ET SON PROCEDE DE FABRICATION**
[72] BLINN, STEPHEN M., US
[72] SVRLUGA, RICHARD C., US
[71] EXOGENESIS CORPORATION, US
[22] 2007-02-07
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[51] **Int.Cl. C07C 2/32 (2006.01)**
[25] FR
[54] **IMPROVED SELECTIVE DIMERIZATION PROCESS FOR ETHYLENE INTO BUTENE-1**
[54] **PROCEDE AMELIORE DE DIMERISATION SELECTIVE DE L'ETHYLENE EN BUTENE-1**
[72] MAGNA, LIONEL, FR
[72] OLIVIER-BOURBIGOU, HELENE, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2015-06-30
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[54] **PROTHESE D'EPAULE INVERSEE**
[72] ROCHE, CHRISTOPHER P., US
[72] MAULDIN, C. MICHAEL, US
[72] FLURIN, PIERRE, FR
[72] WRIGHT, THOMAS, US
[72] ZUCKERMAN, JOSEPH, US
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[51] **Int.Cl. F16B 13/08 (2006.01) F16B 45/00 (2006.01)**
[25] EN
[54] **WALL MOUNTED TOGGLE HOOK**
[54] **CROCHET DE CHEVILLOT MURAL**
[72] PIERRE, MCDUFF, CA
[71] COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD., CA
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[25] EN
[54] **FIBER CONTAINING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS FIBREUSES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] WILLIAMS, KRISTIN RHEDRICK, US
[72] TSE, HING C., US
[72] ANNESS, DAREN K., US
[72] OVERLY, HARRY, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. F24F 13/20 (2006.01)**
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[54] **HOTTE COMPORTANT UN DISPOSITIF PERMETTANT DE MODIFIER LA HOTTE**
[72] ANDERSEN, JOHN L., US
[71] BUILDER'S BEST, INC., US
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[54] **AN APPARATUS AND METHOD FOR AUGMENTING SIGHT**
[54] **APPAREIL ET PROCEDE POUR AUGMENTER LA VISION**
[72] HILKES, ROBERT G., CA
[72] MUNGER, REJEAN J.Y.B., CA
[72] COLBECK, ROGER P., CA
[72] LEWIS, CONRAD W., CA
[72] MATHERS, DANIEL R., CA
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[51] **Int.Cl. E04F 13/21 (2006.01) E04D 1/34 (2006.01) E04D 3/38 (2006.01)**
[25] EN
[54] **POLYMER BUILDING PRODUCTS**
[54] **PRODUITS DE CONSTRUCTION EN MATIERE POLYMERE**
[72] GAUDREAU, MICHEL, CA
[72] LAGLOIRE, FRANCOIS, CA
[72] ALARIE, GUILLAUME, CA
[72] BILODEAU, RENE, CA
[72] GAUDREAU, LOUIS-ANDRE, CA
[71] NOVIK INC., CA
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[51] **Int.Cl. B27D 5/00 (2006.01)**
[25] EN
[54] **DEWATERING METHOD FOR CORRECTING WATER CONTENT OF GREEN VENEER FOR PLYWOOD AND APPARATUS FOR DEWATERING THE GREEN VENEER**
[54] **PROCEDE DE DESHYDRATATION POUR CORRIGER LA TENEUR EN EAU DU PLACAGE VERT POUR LE CONTREPLAQUE ET APPAREIL POUR DESHYDRATER LE PLACAGE VERT**
[72] NARITA, MITSUMASA, JP
[72] OHDAIRA, YASUYUKI, JP
[71] TAIHEI MACHINERY WORKS, LTD., JP
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[51] **Int.Cl. G02B 6/40 (2006.01) G02B 6/28 (2006.01)**
[25] EN
[54] **OPTICAL POLARITY MODULES AND SYSTEMS**
[54] **MODULES ET SYSTEMES A POLARITE OPTIQUE**
[72] DEL GROSSO, STEVE C., US
[72] SHOOK, LARRY K., JR., US
[71] CORNING CABLE SYSTEMS LLC, US
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[54] **SPORE-LIKE CELLS AND USES THEREOF**
[54] **CELLULES DU TYPE SPORE ET LEURS APPLICATIONS**
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[72] VACANTI, MARTIN P., US
[71] VBI TECHNOLOGIES, L.L.C., US
[22] 2000-12-29
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[54] **METAL COMPLEXES**
[54] **COMPLEXES METALLIQUES**
[72] ALBERTO, ROGER, CH
[72] BRABAND, HENRIK, CH
[71] UNIVERSITAT ZURICH, CH
[22] 2009-03-10
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[51] **Int.Cl. C02F 11/12 (2006.01) B01D 21/01 (2006.01) B03B 9/02 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **DISPERSION AND CONDITIONING TECHNIQUES FOR THICK FINE TAILINGS DEWATERING OPERATIONS**
[54] **TECHNIQUES DE DISPERSION ET DE CONDITIONNEMENT POUR DES OPERATIONS DE DESHYDRATATION DE RESIDUS FINS EPAIS**
[72] BUGG, TREVOR, CA
[72] SANCHEZ, ANA, CA
[72] REVINGTON, ADRIAN, CA
[72] MACAULAY, JAMIE PATRICK, CA
[71] SUNCOR ENERGY INC., CA
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[51] **Int.Cl. F17C 13/06 (2006.01) B65D 45/34 (2006.01)**
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[54] **CLOSURE FOR AN EQUIPMENT SUB**
[54] **FERMETURE POUR RACCORD DOUBLE FEMELLE D'EQUIPEMENT**
[72] MCQUAID, JAMES G., US
[72] RAY, DONALD W., US
[72] MEHTA, FIRDOSH, US
[71] PECOFACET (US), INC., US
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[54] **BROSSE DE DENEIGEMENT EXTENSIBLE AUTO-NETTOYANTE ET GRATTOIR SOUPLE**
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[54] **CASQUE AJUSTABLE POUR JOUEUR DE HOCKEY OU DE CROSSE**
[72] DUROCHER, JACQUES, CA
[72] GENEREUX, MARIE-CLAUDE, CA
[71] BAUER HOCKEY CORP., CA
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[62] 2,783,079
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[25] EN
[54] **METHOD AND APPARATUS FOR DISTRIBUTING SEED FROM A CENTRAL SOURCE TO A PLURALITY OF SEED METERING UNITS OF AN AGRICULTURAL SEEDING MACHINE**
[54] **PROCEDE ET APPAREIL D'EPANDAGE DE SEMENCES A PARTIR D'UNE SOURCE CENTRA E DANS LES UNITES DE DOSAGE DE SEMENCES D'UNE MACHINE D'ENSEMENCEMENT A RICOLE**
[72] NAYLOR, MATTHEW S., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **METHOD AND APPARATUS FOR DISTRIBUTING SEED FROM A CENTRAL SOURCE TO A PLURALITY OF SEED METERING UNITS OF AN AGRICULTURAL SEEDING MACHINE**
[54] **PROCEDE ET APPAREIL D'EPANDAGE DE SEMENCES A PARTIR D'UNE SOURCE CENTR E DANS LES UNITES DE DOSAGE DE SEMENCES D'UNE MACHINE D'ENSEMENCEMENT RICOLE**
[72] NAYLOR, MATTHEW S., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2011-12-09
[41] 2012-11-24
[62] 2,761,441
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[54] **METHOD AND DEVICE FOR SLEEP POSTURE CORRECTION**
[54] **PROCEDE ET DISPOSITIF POUR CORRIGER LA POSTURE PENDANT LE SOMMEIL**
[72] VAN BEEST, ELINE CHRISTIANE, NL
[71] NIGHTBALANCE B.V., NL
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[41] 2011-11-10
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[21] **2,918,034**
[13] A1
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/126 (2014.01) H04N 19/176 (2014.01) H04N 19/587 (2014.01)**
[25] EN
[54] **VIDEO DECODING APPARATUS, VIDEO CODING APPARATUS, VIDEO DECODING METHOD, VIDEO CODING METHOD, AND STORAGE MEDIUM**
[54] **APPAREIL DE DECODAGE VIDEO, APPAREIL DE CODAGE VIDEO, METHODE DE DECODAGE VIDEO, METHODE DE CODAGE VIDEO ET SUPPORT DE STOCKAGE**
[72] SHIMADA, SATOSHI, JP
[72] NAKAGAWA, AKIRA, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[71] FUJITSU LIMITED, JP
[22] 2012-05-30
[41] 2012-12-15
[62] 2,778,486
[30] JP (2011-133383) 2011-06-15

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[21] **2,918,046**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **PROMPTING SERVICE**
[54] **SERVICE DE PROMPTEUR**
[72] KINDER, EMILY GALLAGHER, US
[72] JOHNSON, EDDY DYWAYNE, US
[72] BRIDGES, KEVIN JOHN, US
[72] PENROD, JASON BLAKE, US
[72] MCDANIEL, KIRBY BOUAS, US
[71] HALLMARK CARDS, INCORPORATED, US
[22] 2011-09-21
[41] 2012-11-20
[62] 2,753,013
[30] US (13/112,900) 2011-05-20

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[21] **2,918,092**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/46 (2006.01) C12N 5/16 (2006.01) C12P 21/08 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES AGAINST AMYLOID BETA PROTEIN AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX ET UTILISATION DE CEUX-CI**
[72] LABKOVSKY, BORIS, US
[72] BARGHORN, STEFAN, DE
[72] HILLEN, HEINZ, DE
[72] EBERT, ULRICH, DE
[72] STRIEBINGER, ANDREAS, DE
[72] KELLER, PATRICK, DE
[71] ABBVIE INC., US
[71] ABBVIE DEUTSCHLAND GMBH & CO KG, DE
[22] 2006-11-30
[41] 2007-06-07
[62] 2,631,195
[30] US (60/740,866) 2005-11-30
[30] US (60/778,950) 2006-03-03

[21] **2,918,131**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **ADVANCED BOOSTER SYSTEM**
[54] **SURCOMPRESSEUR PERFECTIONNE**
[72] WOOD, PETER JOHN, US
[72] FALK, ERIC ANDREW, US
[72] DAILEY, LYLE D., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2007-11-15
[41] 2008-05-30
[62] 2,611,336
[30] US (11/606,759) 2006-11-30

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[21] **2,918,167**
[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **PATIENT INTERFACE AND ASPECTS THEREOF**
[54] **INTERFACE POUR PATIENT ET ASPECTS CORRESPONDANTS**
[72] SALMON, ANDREW PAUL MAXWELL, NZ
[72] SIEW, SILAS SAO JIN, NZ
[72] HUANG, WEN DONG, NZ
[72] ALLAN, OLIVIA MARIE, NZ
[72] MCLAREN, MARK, NZ
[72] PRENTICE, CRAIG ROBERT, NZ
[72] GARDIOLA, ARVIN SAN JOSE, NZ
[72] MCAULEY, ALASTAIR EDWIN, MZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2010-05-10
[41] 2010-11-18
[62] 2,761,741
[30] NZ (PCT/NZ2009/000072) 2009-05-12
[30] US (61/260,590) 2009-11-12

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[21] **2,918,226**
[13] A1
[51] **Int.Cl. A61M 15/08 (2006.01) A61L 31/04 (2006.01) A61L 31/14 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **NASAL DELIVERY DEVICE FOR DELIVERING SUBSTANCE TO A NASAL CAVITY OF A SUBJECT**
[54] **DISPOSITIF D'ADMINISTRATION NASALE SERVANT A ADMINISTRER UNE SUBSTANCE DANS UNE CAVITE NASALE D'UN SUJET**
[72] DJUPESLAND, PER GISLE, NO
[72] SHELDRAKE, COLIN DAVID, GB
[72] HAFNER, RODERICK PETER, GB
[71] OPTINOSE AS, NO
[22] 2006-02-23
[41] 2006-08-31
[62] 2,598,953
[30] GB (0503738.7) 2005-02-23

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[21] **2,918,302**
[13] A1
[51] **Int.Cl. G10L 19/18 (2013.01) G10L 19/26 (2013.01) G10L 21/02 (2013.01) H04R 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NON-DESTRUCTIVELY NORMALIZING LOUDNESS OF AUDIO SIGNALS WITHIN PORTABLE DEVICES**
[54] **SYSTEME ET PROCEDE POUR NORMALISER DE MANIERE NON DESTRUCTIVE L'INTENSITE SONORE DE SIGNAUX AUDIO DANS DES DISPOSITIFS PORTABLES**
[72] RIEDMILLER, JEFFREY C., US
[72] MUNDT, HARALD H., DE
[72] SCHUG, MICHAEL, DE
[72] WOLTERS, MARTIN, DE
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[71] DOLBY INTERNATIONAL AB, NL
[22] 2011-02-03
[41] 2011-08-18
[62] 2,787,466
[30] US (61/303643) 2010-02-11

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[21] **2,918,494**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 80/02 (2009.01)**
[25] EN
[54] **MEDIUM ACCESS CONTROL FRAME STRUCTURE IN WIRELESS COMMUNICATION SYSTEM**
[54] **STRUCTURE DE TRAME DE COMMANDE D'ACCES A UN SUPPORT DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] TALUKDAR, ANUP K., US
[72] CUDAK, MARK C., US
[72] BAUM, KEVIN L., US
[72] GHOSH, AMITAVA, US
[72] TZAVIDAS, STAVROS, US
[72] WANG, FAN, US
[72] XU, HUA, US
[72] ZHUANG, XIANGYANG, US
[71] GOOGLE TECHNOLOGY HOLDINGS LLC, US
[22] 2008-08-15
[41] 2009-02-19
[62] 2,838,872
[30] US (60/956,031) 2007-08-15
[30] US (12/191,042) 2008-08-13

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[21] **2,918,498**
[13] A1
[51] **Int.Cl. C07D 405/06 (2006.01) C07B 53/00 (2006.01) C07D 209/48 (2006.01) C07D 319/06 (2006.01) C07D 319/08 (2006.01) C12P 17/10 (2006.01) C12P 17/16 (2006.01) C12P 41/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING CHIRAL COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES CHIRAUX**
[72] BAUER, DAVID WILLIAM, US
[72] HU, SHANGHUI, US
[72] O'NEILL, PADRAIG MARY, IE
[72] WATSON, TIMOTHY JAMES NORMAN, US
[71] PFIZER PRODUCTS INC., US
[22] 2008-07-23
[41] 2009-02-12
[62] 2,695,357
[30] US (60/953,725) 2007-08-03

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[13] A1
[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
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[54] **RENDEMENT ET TOLERANCE AU STRESS AMELIORES DANS LES PLANTES TRANSGENIQUES AVEC POLYPEPTIDES DE SUREXPRESSION COMPRENANT UN DOMAINE EN DOIGT DE ZINC DE BOITE B**
[72] CREELMAN, ROBERT, US
[72] GUTTERSON, NEAL I., US
[72] RATCLIFFE, OLIVER J., US
[72] REUBER, T. LYNNE, US
[72] CERNY, R. ERIC, US
[72] DUFF, KIMBERLY FAYE ZOBRIST, US
[72] KJEMTRUP-LOVELACE, SUSANNE, US
[72] MEISTER, ROBERT, US
[72] PETRACEK, MARIE, US
[72] RUFF, THOMAS, US
[72] XU, QINGZHANG, US
[71] MENDEL BIOTECHNOLOGY, INC., US
[71] MONSANTO COMPANY, US
[22] 2007-06-22
[41] 2008-01-10
[62] 2,655,870
[30] US (60/817,886) 2006-06-29

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[21] **2,918,585**
[13] A1
[51] **Int.Cl. C12N 15/49 (2006.01) A61K 39/21 (2006.01) A61P 31/18 (2006.01) A61P 37/04 (2006.01) C07K 14/155 (2006.01) C07K 14/16 (2006.01)**
[25] EN
[54] **CONSENSUS/ANCESTRAL IMMUNOGENS**
[54] **IMMUNOGENES CONSENSUS/ANCESTRAUX**
[72] KORBER, BETTE T., US
[72] HAHN, BEATRICE H., US
[72] SHAW, GEORGE M., US
[72] KOTHE, DENISE, US
[72] LI, YING YING, US
[72] DECKER, JULIE, US
[72] HAYNES, BARTON F., US
[72] GAO, FENG, US
[72] LIAO, HUA-XIN, US
[71] DUKE UNIVERSITY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] UNIVERSITY OF ALABAMA AT BIRMINGHAM RESEARCH FOUNDATION, US
[22] 2004-09-17
[41] 2005-03-31
[62] 2,539,325
[30] US (60/503,460) 2003-09-17
[30] US (60/604,722) 2004-08-27

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[21] **2,918,801**
[13] A1
[51] **Int.Cl. H04M 15/12 (2006.01) H04W 4/16 (2009.01) H04W 4/24 (2009.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING TELEPHONY SERVICES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE SERVICES DE TELEPHONIE**
[72] OREN, AMICHAY, US
[72] HARDY, GREGORY, US
[72] GUST, MOTI, US
[71] VONAGE NETWORK, LLC, US
[22] 2012-03-29
[41] 2012-10-18
[62] 2,832,912
[30] US (61/473911) 2011-04-11
[30] US (12/102217) 2011-05-06

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[21] **2,918,873**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/08 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BROKERING THE PUBLICATION OF MEDIA CONTENT**
[54] **SYSTEME ET PROCEDE POUR COURTAGE DE LA PUBLICATION DE CONTENU MULTIMEDIA**
[72] MOORE, RON, CA
[72] FRENCH, BRIAN L., CA
[71] 2308134 ONTARIO INC., CA
[22] 2013-12-13
[41] 2015-06-13
[62] 2,836,742

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[21] **2,918,887**
[13] A1
[51] **Int.Cl. F04D 29/70 (2006.01) F04D 7/02 (2006.01) F04D 29/22 (2006.01) F04D 29/44 (2006.01)**
[25] EN
[54] **SHRED AND SHEAR PUMP**
[54] **POMPE A DECHIQUETER ET A CISAILLER**
[72] MITSCH, BRIAN, US
[71] BJM PUMPS LLC, US
[22] 2014-07-31
[41] 2015-02-05
[62] 2,912,471
[30] US (61/861,365) 2013-08-01

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[21] **2,918,901**
[13] A1
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 90/30 (2016.01) A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **COATED SURGICAL STAPLES AND AN ILLUMINATED STAPLE CARTRIDGE FOR A SURGICAL STAPLING INSTRUMENT**
[54] **AGRAFES CHIRURGICALES REVETUES ET CARTOUCHE A AGRAFES LUMINEUSE POUR AGRAFEUSE CHIRURGICALE**
[72] ZEMLOK, MICHAEL, US
[72] ROSS, ADAM J., US
[72] HATHAWAY, PETER, US
[71] TYCO HEALTHCARE GROUP LP, US
[22] 2008-11-04
[41] 2009-05-06
[62] 2,642,796
[30] US (60/985,661) 2007-11-06
[30] US (12/262,243) 2008-10-31

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MODI, RAJIV INDRAVADAN 2,738,769
MOEKER, URS T. 2,632,990
MOELLER, KLAUS R. 2,690,511
MOELLER, NIKLAS 2,690,511
MONNET, JEAN-PIERRE 2,670,779
MONNIER, VIRGINIE 2,681,300
MONSON, KEITH DUWAYNE 2,749,027
MONTEMURRO, MICHAEL 2,808,420
MOOSE, RANALD TIMOTHY 2,765,094
MORISHITA, RYUICHI 2,690,888
MORISHITA, YOSHIHIRO 2,715,384
MORRIS, DAVID 2,765,094
MORRIS, MICHELLE LEE 2,694,604
MORRISON, EDWARD BEVERLY 2,735,185
MOSES, DENNIS 2,637,651
MOSETTI, PASCAL 2,698,846
MOSHREF, ALI 2,655,630
MOUSSA, YOUSSEF 2,836,909
MOUTHON, LUC 2,721,049
MOVAHED, BEN 2,812,967
MRI INTERVENTIONS, INC. 2,623,453
MSD ITALIA S.R.L. 2,653,529
MU, RUOMEI 2,769,270
MUEHLBERG, ALEXEJ 2,847,942
MUEHLTHALER, GEORG 2,755,421

MUELLER, HEINZ 2,699,587
MUENCH, FRANK JOHN 2,667,236
MULAOSMANOVIC, JASMIN 2,813,479
MULLIGAN, PATRICK J. 2,720,821
MURAI, SHUNSUKE 2,804,219
MURPHY, MATTHEW E. 2,784,533
MUTH, OLIVER 2,703,650
NADLER, KIRK C. 2,703,216
NAGAHAMA, TAKUYA 2,827,619
NAGAHARA, NAOKI 2,784,881
NAGAI, KAZUKIYO 2,805,374
NAGASAWA, MASAAKI 2,838,137
NAGATOMI, MASAYOSHI 2,844,887
NAKAI, OSAMU 2,678,724
NAKAJIMA, HIROSHI 2,850,692
NAKAJIMA, SEIJI 2,836,119
NAKAMARU, HIROKI 2,836,119
NAKAMURA, NAOMICHI 2,891,206
NAKAO, RYU 2,838,137
NAKASHIMA, DAIICHIRO 2,750,368
NAKHAT, PREMCHAND DALICHANDJI 2,846,387
NALDINI, LUIGI 2,609,142
NANCE, MEGAN 2,682,585
NANO SAFE COATINGS INCORPORATED 2,884,128
NAQVI, NOUSHAD 2,517,581
NASLE, ADIB 2,655,630
NASLE, ALI 2,655,630
NATIONAL INSTITUTE FOR MATERIALS SCIENCE 2,805,838
NATIONAL OILWELL VARCO, L.P. 2,630,299
NATIONAL OILWELL VARCO, L.P. 2,765,229
NAVEH, MICHAEL 2,725,437
NAYLOR, MATTHEW S. 2,691,235
NEAGU, IRINA 2,694,604
NEAL, ROLAND 2,693,496
NEBEL, KURT 2,677,949
NEBOJSA, STOJANOVIC 2,772,454
NECINA, ROMAN 2,517,467
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO 2,710,556
NEENAH PAPER, INC. 2,655,671
NEFT, MARK 2,703,373
NERVIANO MEDICAL SCIENCES S.R.L. 2,673,451
NESS, JON E. 2,402,866
NESTEC S.A. 2,705,109
NESTEC S.A. 2,717,151
NEUFELD, GEORGE 2,691,235
NEUGEBAUER, PETER 2,693,499
NEUREITER, FRANZ JOSEF 2,739,750
NEUROTUNE AG 2,684,363
NEUSINGER, MATTHIAS 2,725,793
NEW YORK AIR BRAKE CORPORATION 2,751,085
NEWTON, STEVEN R. 2,751,085
NEXTER SYSTEMS 2,726,667
NEYTS, JOHAN 2,669,450
NG, SAMSON 2,810,730
NGUYEN, BAO QUOC 2,517,581
NGUYEN, QUOC 2,605,277
NGUYEN, THIEN 2,851,861
NICKOLS, JOSHUA 2,656,278
NIEKAMP, GARY J. 2,823,796
NIKE INNOVATE C.V. 2,827,683
NIPPON CHEMIPHAR CO., LTD. 2,649,735
NIPPON GAS CO., LTD. 2,899,692
NIPPON KAYAKU KABUSHIKI KAISHA 2,747,687
NIPPON SODA CO., LTD. 2,826,747
NIPPON SODA CO., LTD. 2,838,317
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,844,887
NIPPON THERMOSTAT CO., LTD. 2,727,578
NISHIJIMA, MOTOAKI 2,804,219
NISSAN MOTOR CO., LTD. 2,838,647
NOEL, CHRISTIAN 2,726,667
NOH, MIN SEOK 2,762,113
NONOMURA, MUNEO 2,784,881
NOONAN, MICHAEL E. 2,634,200
NORGEN BIOTEK CORPORATION 2,533,052
NORGREN, INC. 2,632,990
NORIEGA, ALVARO VALLEJO 2,638,929
NORLAND, TOM 2,699,112
NORVILL, DERRICK 2,750,831
NOVA CHEMICALS CORPORATION 2,587,230
NOVA CHEMICALS INC. 2,680,859
NOVOZYMES A/S 2,402,866
NOVOZYMES A/S 2,694,427
NPS PHARMACEUTICALS, INC. 2,698,626
NTT DOCOMO, INC. 2,805,735
NUSSBAUM, NICHOLAS I. 2,773,194
NYQVIST, JAN 2,894,991
O'CONNOR, PAUL 2,699,326
O'CONNOR, THOMAS F. 2,795,828
O'MAHONY, DONAL 2,784,533
O'NEILL, CONOR MICHAEL 2,799,008
ODA, KAZUNORI 2,616,455
OERTON, KEVIN J. 2,726,307
OH, WAHO 2,750,368
OHIRA, KOJI 2,804,219
OHLMEYER, MICHAEL 2,694,604
OKUBO, HIDEKAZU 2,840,724
OKUDA, KANEHARU 2,693,763
OLAH, GEORGE A. 2,690,836
OLESON, RICHARD 2,700,551
OLIVER, BRIAN A. 2,726,307
OLKO-MASCHINENTECHNIK GMBH 2,798,576
OLSON, EDWIN S. 2,698,228
OLSON, STEPHAN 2,839,493
OLSON, STEPHAN 2,839,496
OMYA INTERNATIONAL AG 2,845,921
ONO, YOSHIHIKO 2,693,763
OPTIS CELLULAR TECHNOLOGY, LLC 2,586,836
OR, YAT, SUN 2,736,895
ORBAN, BENOIT 2,811,751
ORICA EXPLOSIVES TECHNOLOGY PTY LTD 2,685,484
ORR, SHAWN G. 2,817,833
ORS, FREDERIC 2,730,185
ORTHOGEN AG 2,781,576
ORTIZ, MARK S. 2,582,837
ORTLOFF ENGINEERS, LTD. 2,703,052
OSAKA UNIVERSITY 2,690,888
OSHITA, SHINYA 2,715,384
OSTERNACK, STEFAN 2,755,421
OTT SUBSEA BAG TECHNOLOGY AS 2,722,617
OTTE, ARIE PIETER 2,812,821
OUYANG, XIYA 2,780,454
OVERFIELD, TIMOTHY MARK 2,752,877
OWEN MUMFORD LIMITED 2,871,448
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,626,307
OWINGS, ANDREW A. 2,827,683
OY GRANULA AB LTD 2,593,796
OZAKI, YOSHITOMO 2,678,724
OZEKCIN, ADNAN 2,752,759
P3 INFRASTRUCTURE CONSULTING INC. 2,887,512
PACE, JUSTIN D. 2,833,353
PAESCHKE, MANFRED 2,703,650
PAGGI, RAYMOND EDWARD 2,672,199
PAJOVIC, JOVAN 2,647,483
PANSU, ROBERT 2,681,300
PARK, JI HOON 2,748,769
PARK, MIN-HO 2,586,836
PARK, SANG HYUN 2,835,002
PARKS, THOMAS M. 2,837,623
PARTRIDGE, RANDALL D. 2,734,447
PASQUERO, JEROME 2,735,871
PATEL, BHARAT 2,626,307
PATEL, KETAN R. 2,697,458
PATIL, ABHIMANYU O. 2,734,447
PATTERSON, DARYLL DUANE 2,749,027
PATTERSON, IAN MICHAEL 2,565,402
PATTERSON, JOHN BRUCE 2,795,350
PATTON, EDWARD JOHN 2,794,539
PAUL WURTH S.A. 2,725,276
PAVLOV, DMITRIY A. 2,650,105
PAVLOV, VALERY 2,553,863
PAYA, ISMAIL CEM 2,847,942
PECH, REINER 2,857,253
PENG, XIANG-DONG 2,833,696
PENHALE, DOUGLAS 2,819,065
PERCHANT, AYMERIC 2,651,680
PEREZ-BERGQUIST, ANDRES S. 2,682,585
PERRY, MIKE 2,666,663
PERSAUD, KRISHNADATT 2,809,375
PERTTULA, MATTI 2,703,232
PESCATORE, GIOVANNA 2,653,529
PESCH, REINHOLD 2,668,763
PESIRI, DAVID R. 2,583,486
PESSINEN, EIJA 2,724,480
PETERS, MARK EDWIN 2,806,434
PETERS, ROBERT 2,752,641

PETERSEN, JOHN G. 2,732,523
PETRILLO, PAOLA 2,684,363
PETRO, MIROSLAV 2,703,216
PETROLEO BRASILEIRO S.A. - PETROBRAS 2,640,880
PETROLEUM TECHNOLOGY COMPANY AS 2,699,112
PETROVAN, RAMONA JUDITA 2,832,256
PETTERSSON, BO 2,809,876
PEYROT, JACQUES 2,623,454
PEZZIN, JUSTIN GEORGE 2,799,862
PFLUGHOEFFT, MALTE 2,703,650
PGS AMERICAS, INC. 2,792,023
PHAM, TAM THANH 2,851,861
PHARMACOPEIA LLC 2,694,604
PHILLIPS, ROBIN 2,796,503
PHIPPS, DARCY RICHARD 2,517,581
PHOTONIC INNOVATIONS LIMITED 2,674,528
PICHON, PHILIPPE 2,709,851
PICHON, PHILIPPE 2,709,898
PICKARD, PAUL L. 2,769,579
PIERRE, FRITZ, JR. 2,833,353
PIEUSSERGUES, CHRISTOPHE 2,639,178
PINETTE, THOMAS C. 2,725,410
PINKOWSKI, ROBERT J. 2,638,929
PIONEER HI-BRED INTERNATIONAL, INC. 2,760,817
PLATNER, BRIAN P. 2,831,528
PLATNER, BRIAN P. 2,831,530
POIRIER, MARC-ANDRE 2,632,753
POIRIER, MARC-ANDRE 2,705,102
POIRMEUR, XAVIER 2,726,667
POLASKY, MARK 2,626,307
POLIMERI EUROPA S.P.A. 2,684,685
POLO-MALOUVIER, RICARDO 2,588,922
POLYAKOV, VALERIY ANATOLIEVICH 2,832,375
PONTICIELLO, ANTONIO 2,684,685
POPA, RALUCA ALINA 2,799,008
POPELKA, DAVID 2,799,697
POROSA, LUKASZ 2,884,128
POSSELT, DIETMAR 2,679,490
POSTERI, HELENA 2,673,451
POWER ANALYTICS CORPORATION 2,655,630
POWERS, DONALD H. 2,688,523
POYART, CLAIRE 2,633,748
PPG INDUSTRIES OHIO, INC. 2,836,909
PPG INDUSTRIES OHIO, INC. 2,840,506
PRAKASH, G.K. SURYA 2,690,836
PRANGE, MICHAEL 2,730,512
PRATT & WHITNEY CANADA CORP. 2,625,591
PRATT & WHITNEY CANADA CORP. 2,638,585
PRC-DESOTO INTERNATIONAL, INC. 2,849,480
PREISS-BLOOM, ORAHN 2,836,067
PRICE, BARBARA B. 2,712,324
PRIEL, ESTHER 2,690,013
PRINCE, MELVIN JAY 2,869,184
PROBERT, GRAEME DAVID 2,797,061
PROCIW, LEV ALEXANDER 2,638,585
PRUDNIKOV, DMITRIY 2,701,159
PUDLEINER, HEINZ 2,703,650
PURDY, MICHAEL 2,655,089
PYTOWSKI, BRONISLAW 2,809,375
Q-BA-MAZE INC. 2,605,426
QI, YAN 2,743,006
QIU, BU 2,615,169
QUAID, ARTHUR E. 2,637,651
QUALCOMM INCORPORATED 2,687,987
QUALCOMM INCORPORATED 2,689,543
QUALCOMM INCORPORATED 2,730,655
QUALCOMM INCORPORATED 2,839,263
QUERN, RALF 2,732,852
QUINN, DALE 2,798,380
RABII, BAHMAN 2,682,585
RADLOFF, JON P. 2,601,792
RAE, STEVEN 2,820,954
RAILRUNNER N.A., INC. 2,710,112
RAKKOLAINEN, HEIKKI 2,579,522
RAKOWSKI, JAMES M. 2,677,807
RALPH, CHARLES 2,728,298
RAMIREZ, FRANK J. 2,831,528
RAMIREZ, FRANK J. 2,831,530
RAO, CHANDRA B. 2,849,480
RAO, KRIPA 2,757,040
RASHID, M. HARUNUR 2,480,277
RAUBER, RICHARD 2,799,697
RAUTARUUKKI OYJ 2,703,232
REAVES, MICHAEL R. 2,843,013
RED SPOT PAINT & VARNISH CO., INC. 2,725,333
REDDY, BAIRREDDY RAGHAVA 2,790,100
REED, MATTHEW 2,731,856
REES, HELEN 2,523,764
REIDLINGER, GERHARD 2,689,564
REIFF, HENRIK 2,816,366
REINECKE, JULIO 2,781,576
REINHARD, PETER 2,693,499
RELAXBIRTH OY 2,724,480
REN, YONGXIN 2,684,470
RENFRO, MICHAEL W. 2,781,104
RENNARD, DAVID C. 2,833,353
RENNER, ROSS 2,806,434
RENTSCH, SAMUEL 2,845,921
REUZEAU, CHRISTOPHE 2,652,446
REXILIUS, JARRAD 2,784,890
REZANIA, ALIREZA 2,547,845
RHEINMETALL WAFFE MUNITION GMBH 2,719,120
RICCIARDI, RONALD J., SR. 2,911,004
RICHTER, JEFFREY A. 2,795,828
RICOH COMPANY, LTD. 2,797,388
RICOH COMPANY, LTD. 2,805,374
RIECK, HEIKO 2,862,956
RIEDEL, DIETMAR 2,615,587
RIGEL PHARMACEUTICALS, INC. 2,710,043
RIGEL PHARMACEUTICALS, INC. 2,710,046
RINKER, EDWARD B. 2,553,863
RINNAI CORPORATION 2,754,679
RINOLFI, PHILIPPE 2,692,767
RISBERG, PETER 2,704,445
RITHENER, BLAISE 2,717,151
RITZEL, DAVID 2,784,607
RIVERA, TEODORO 2,814,059
ROBERTS, GIBEON EDMUND 2,665,661
ROBINSON, JAMES 2,655,089
ROBINSON, MARK C. 2,641,092
ROBINSON, SHANE P. 2,583,355
ROCKWELL COLLINS CONTROL TECHNOLOGIES, INC. 2,748,509
RODET, ALAIN 2,683,119
RODRIGUES, KLIN A. 2,626,307
ROGERS, VICTORIA 2,894,970
ROGUE WAVE INDUSTRIES, LLC 2,889,333
ROHM AND HAAS COMPANY 2,759,137
ROLL-TECH MOLDING PRODUCTS, LLC 2,831,526
ROLLS-ROYCE CORPORATION 2,681,000
ROLLS-ROYCE CORPORATION 2,781,104
ROLOFF, BIRGIT 2,719,736
ROMANOV, SERGEI 2,587,338
ROMETTE, JEAN-LOUIS 2,669,450
RONG, YAJING 2,694,604
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,739,750
ROUGHTON, ANDREW LAIRD 2,694,604
ROVI GUIDES, INC. 2,601,792
ROY, CLAUDE 2,626,979
RUDOLPH, DANIEL 2,670,779
RUMEAU, BERNARD 2,707,670
RUSSO, JOSEPH MICHAEL 2,672,199
RUSU, MIRCEA 2,690,511
RUVA, ROBERTO 2,640,880
S.P.M. FLOW CONTROL, INC. 2,833,635
S.S.I CO., LTD. 2,672,585
SAGER, EDUARDO 2,700,261
SAHNI, AKSHAY 2,784,890
SAI, YANG 2,684,470
SAINI, SUKHDEV 2,665,661
SAINT-JALMES, BRUNO 2,707,670
SAKUMA, SHOGO 2,649,735
SAKURAI, MICHITAKA 2,693,763
SAMSUNG ELECTRONICS CO., LTD. 2,591,417
SAMSUNG ELECTRONICS CO., LTD. 2,796,119
SAMSUNG ELECTRONICS CO., LTD. 2,835,002
SAN RAFFAELE S.R.L. 2,609,142
SANCHEZ, FREDERIC 2,831,289
SANDE, ANDERS 2,636,464
SANDEEP, SRI KUMAR 2,674,528
SANDELIS, DENIS JEAN MAURICE 2,639,178
SANG, TIAN 2,765,260
SANZ, NATHALIE 2,681,300
SAP FRANCE 2,588,922
SASAKI, HIROSHI 2,840,870

SASOL TECHNOLOGY (PROPRIETARY) LIMITED 2,721,637
SATRAN, AMIR 2,826,021
SAUDI ARABIAN OIL COMPANY 2,847,704
SAUDI ARABIAN OIL COMPANY 2,862,863
SAUTER, JEFFREY F. 2,751,085
SAVANT SYSTEMS LLC 2,634,200
SAVASTANO, HERNAN I. 2,511,101
SC ASSET CORPORATION 2,867,207
SCA HYGIENE PRODUCTS AB 2,812,969
SCANDINAVIAN TECHNOLOGY GROUP AB 2,566,189
SCHAMAN, JOHN P. 2,748,637
SCHARF, CHRISTIANE 2,662,603
SCHELBERGER, KLAUS 2,858,118
SCHEMBERG, SIEGFRIED 2,816,005
SCHENK, RUDOLF 2,717,151
SCHERZ, JOHANNES 2,689,564
SCHEU, VOLKER 2,721,905
SCHLEUNIGER HOLDING AG 2,755,168
SCHLOM, JEFFREY 2,547,635
SCHLUMBERGER CANADA LIMITED 2,608,516
SCHLUMBERGER CANADA LIMITED 2,730,512
SCHMIDHOFER, RUPERT 2,838,010
SCHMIT, LOUIS 2,725,276
SCHMITT, GUNTER 2,693,499
SCHNEIDER ELECTRIC IT CORPORATION 2,751,096
SCHNEIDER, DEAN 2,855,018
SCHNEIDER, FRANK 2,823,604
SCHNEIDER, KLAUS 2,809,876
SCHOLL, SYBILLE 2,693,499
SCHORN, GREG M. 2,646,058
SCHRAMM, VERN L. 2,662,628
SCHREINER, STEPHAN 2,725,793
SCHROCK, ALLAN M. 2,827,683
SCHROEBER, WOLFGANG 2,719,736
SCHROEDER, WALTER 2,798,576
SCHULER PRESSEN GMBH 2,832,253
SCHULTE, STEFAN 2,655,248
SCHULTZ-FADEMRECHT, CARSTEN 2,653,529
SCHUNK, STEFAN 2,719,736
SCHWEFER, MEINHARD 2,690,002
SCORAH, NICHOLAS 2,673,647
SDCMATERIALS, INC. 2,583,486
SEIBER, RUSSELL A. 2,700,261
SENSORMATIC ELECTRONICS, LLC 2,672,182
SENTREHEART, INC. 2,700,261
SEQUEIRA, JOSE J., JR. 2,781,868
SEREX 2,674,270
SERKH, ALEXANDER 2,850,063
SERKH, ALEXANDER 2,855,018
SEVHEIM, OLE 2,699,112
SEYDA, AGNIESZKA 2,530,412
SHAFFER, TIMOTHY D. 2,734,447
SHAH, RAJIV 2,793,540
SHAKHOV, ALEXANDER N. 2,612,102
SHAN, ZHONGDE 2,836,516
SHANDONG LUYE PHARMACEUTICAL CO., LTD. 2,832,663
SHANDONG NINE-RING PETROLEUM MACHINERY CO., LTD. 2,765,260
SHANGHAI INSTITUTES FOR BIOLOGICAL SCIENCES, CHINESE ACADEMY OF SCIENCES 2,695,929
SHANGHAI SUNDISE CHINESE MEDICINE TECHNOLOGY DEVELOPMENT CO., LTD. 2,685,357
SHANLEY, JASON P. 2,736,895
SHARP KABUSHIKI KAISHA 2,739,880
SHARP KABUSHIKI KAISHA 2,750,368
SHARP KABUSHIKI KAISHA 2,804,219
SHARP, GENE 2,646,851
SHAW, ANDREW 2,757,040
SHAZEER, NOAM 2,552,236
SHEA, TIMOTHY MICHAEL 2,672,199
SHEHATA, MARTINA 2,615,587
SHEIKH, AHMAD 2,736,895
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,672,199
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,693,896
SHERIDAN, CEDRIC 2,717,570
SHETH, KAMLESH J. 2,840,506
SHI, RONG 2,685,357
SHIAO, MING LIANG 2,688,340
SHIBAO, FUMIO 2,844,887
SHIBAYAMA, KEISUKE 2,678,724
SHIGEMI, MASATO 2,840,724
SHIMAMURA, KIYOSHI 2,805,838
SHIMOKAWA, KIYOHIRO 2,850,692
SHIRAI, AKIO 2,672,585
SHIROKI CORPORATION 2,709,805
SHL GROUP AB 2,832,033
SHL GROUP AB 2,839,493
SHL GROUP AB 2,839,496
SHOJI, HIROFUMI 2,678,724
SHUE, SHYHPYNG JACK 2,830,485
SIDENSE CORPORATION 2,887,223
SIEFERT, ROLF 2,690,002
SIEMENS AKTIENGESELLSCHAFT 2,699,845
SIERCKS, KNUT 2,809,876
SIG TECHNOLOGY AG 2,721,905
SIIK, SAMI 2,700,264
SIMOLA, JUHA 2,579,522
SIMONELLI, ALESSANDRA 2,684,685
SINDELAR, MARK JOHN 2,786,284
SINDT, LIONEL 2,626,979
SINGH, RAJINDER 2,710,043
SINGH, RAJINDER 2,710,046
SINHA, VIKRAM P. 2,869,184
SIY, ROBERT 2,810,730
SJOBERG, PETER 2,824,987
SJOBRING, NIKLAS 2,693,230
SJOEGREN, SVEN 2,698,626
SKINNER, WESLEY T. 2,660,032
SKURDALSVOLD, SCOTT 2,833,635
SLAVIN, SHIMON 2,690,013
SLOSS, CLAYTON A. 2,769,579
SMITH, CHRISTOPHER 2,565,402
SMITH, DUDLEY 2,832,784
SMITH, EDWARD DEWEY, III 2,800,537
SMITH, J. 2,700,551
SMITH, PETER J. 2,775,165
SNECMA 2,639,178
SNOWDON, RICHARD T. 2,769,579
SODE, KOJI 2,427,031
SOFIN, MIKHAIL 2,857,253
SONG, LI 2,703,216
SONG, YI-QIAO 2,730,512
SONOBE, OSAMU 2,827,619
SORTORE, CHRISTOPHER 2,721,627
SOUILMI, YOUNES 2,683,688
SOULA, GERARD 2,664,650
SOULA, OLIVIER 2,664,650
SOULA, REMI 2,664,650
SOUTHWIRE COMPANY, LLC 2,716,771
SOYA, KATSUHIDE 2,844,887
SPADAFORA, V. JAMES 2,858,118
SPEIRS, BRIAN C. 2,833,353
SPENCE, JONATHAN 2,810,730
SPERSCHNEIDER, RALPH 2,725,793
SPETH, ANDREW D. 2,665,193
SPI LASERS UK LIMITED 2,693,496
SPITKOVSKY, VALENTIN 2,552,236
SRNKA, LEONARD J. 2,650,105
ST. CROIX, BRAD 2,416,732
STACK, CASEY 2,706,979
STADELMANN, FRANZ 2,836,108
STAGELINE SCENE MOBILE INC. 2,901,871
STAMATAKIS, GEORGES 2,725,276
STAMPS, FRANK B. 2,799,697
STAMPS, FRANK B. 2,832,784
STATOIL PETROLEUM AS 2,735,667
STAUFFER, JOHN E. 2,638,164
STEELE, JASON A. 2,775,165
STEENWYK, MATTHEW A. 2,790,093
STEER, DAVID 2,808,420
STEGMANN, WOLFGANG 2,777,227
STEPAN COMPANY 2,840,987
STEPHENS, WALTER T. 2,688,340
STEVENS, THOMAS 2,685,162
STEWART, RAY F. 2,593,692
STEWART, RONALD F. 2,685,484
STIERL, REINHARD 2,858,118
STIERLI, DANIEL 2,677,949
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BRADFORD COMPANY 2,918,427
BRADNER, JAMES E. 2,918,910
BRANG, JAMES 2,918,525
BREINIG, MARCO 2,918,568
BREMOND, NICOLAS 2,907,827
BRENNAN, JAMES 2,919,022
BRENTROP, HANSJORG 2,918,396
BRETZ, DWIGHT A. 2,918,526
BREW, BRUCE JAMES 2,918,447
BREWOO, JOSEPH N. 2,918,726
BRIGHAM YOUNG UNIVERSITY 2,918,505
BRIGHTCOVE INC. 2,918,692
BRINES, MICHAEL 2,918,223
BRISTOL, DEREK COOPER 2,918,329
BROWN, JOHN J. 2,918,375
BROWN, TROY M. 2,906,405
BRUCE, DOUGLAS G. 2,919,056
BRYLAWSKI, BRANDON 2,918,798
BUCHER, CHRISTOPHE 2,918,382
BUCHMULLER, ANJA 2,918,814
BUCHNER, CHRISTIAN 2,918,234
BUCHWALD-WERNER, SYBILLE 2,916,972
BUFTON, ANDREW CHRISTOPHER 2,918,821
BUI, HUYNH-HOA 2,918,600
BULTINCK, JENNYFER 2,918,363
BURGEL, THOMAS 2,918,899
BURGEL, THOMAS 2,918,945
BURROWS, JEREMY 2,918,290
BURROWS, KENNETH DAVID 2,918,867
BUSH, CRAIG PALMER 2,918,431
BUSSE, REINER 2,917,969
BUTTERFIELD, CHUCK 2,918,346
BUTZ, JAMES, ROBERT 2,918,612
CADILA PHARMACEUTICALS LIMITED 2,918,277
CAI, DONGQING 2,899,674
CAI, XIAOXIANG 2,918,335
CAI, XIAOXIANG 2,918,348
CAI, ZHENWEI 2,918,500
CALDWELL, RICHARD D. 2,918,242
CALIFORNIA INSTITUTE OF TECHNOLOGY 2,918,388
CALL, ERIC 2,918,505
CALLENS, RONY 2,918,444
CAMPBELL, MICHAEL DAVID 2,918,309
CAMPTON, DANIEL 2,918,356
CANGEMI, RAOUL 2,916,853
CAO, GUOQING 2,918,335
CAO, GUOQING 2,918,348
CAO, JICHANG 2,918,431

CAO, YINLI 2,918,679
CAPELLETTI, CLAUDIA 2,918,543
CAPUTO, PETE JOSEPH, II 2,918,379
CARBONELL, RUBEN G. 2,918,221
CARDIOVASCULAR SYSTEMS, INC. 2,918,397
CARDIOVASCULAR SYSTEMS, INC. 2,918,432
CARGOL, MARC GUELL 2,918,540
CARLISLE FLUID TECHNOLOGIES, INC. 2,918,630
CARLTON, ALISTAIR 2,918,625
CARMELIET, PETER 2,918,858
CARPENTER, ANDREW 2,918,788
CARRARO, EMANUELE 2,916,857
CARTEAU, DAVID 2,918,485
CARVAJAL, RICARDO 2,918,824
CASE, RYAN R. 2,918,512
CASSIDY, STEPHEN P. 2,918,375
CASTAGNA, LOU 2,918,482
CATALANO, MARCELLO NUNZIO 2,918,991
CATERPILLAR INC. 2,918,942
CATERPILLAR INC. 2,918,944
CATERPILLAR INC. 2,918,946
CATERPILLAR INC. 2,918,948
CB STAMPI S.R.L. UNIPERSONALE 2,916,857
CENTRE FOR SURGICAL INVENTION & INNOVATION 2,918,879
CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE MONTPELLIER 2,918,363
CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE MONTPELLIER 2,918,518
CENTRE HOSPITALIER UNIVERSITAIRE GRENOBLE 2,918,357
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,918,363
CENTRE NATIONALE DE LA RECHERCHE SCIENTIFIQUE 2,918,518
CERAMI, ANTHONY 2,918,223
CEREVE, INC. 2,918,317
CERIANI, EZIO 2,918,582
CERIANI, EZIO 2,918,771
CERZOSO, GIANNI 2,916,853
CEUSTERS, MARC ANDRE 2,918,669
CHAMBERS, RICHARD L. 2,919,051
CHAN, KATHRYN G. 2,918,879
CHANDRASEKHARAN, REUBEN 2,918,779
CHANG, AI-FU 2,918,967
CHANG, FONG-MIN 2,918,733
CHANG, RUI 2,918,608
CHASTANT, SYLVIE 2,918,548
CHATTERJEE, ARNAB KUMAR 2,918,290
CHATTERJI, MONALISA 2,918,487
CHAUDHURI, ANIRBAN 2,918,286
CHEA, RITHANA 2,918,633
CHEA, RITHANA 2,918,645
CHEIKY, MICHAEL 2,918,694
CHEN, GORDON CHING 2,918,655
CHEN, GORDON CHING 2,918,665
CHEN, GORDON CHING 2,918,668
CHEN, I-JEN 2,918,217
CHEN, JUNYU 2,918,672
CHEN, SIYUAN 2,918,258
CHEN, SONGHUA 2,918,628
CHEN, SONGHUA 2,918,629
CHEN, TIXIAN 2,918,335
CHEN, TIXIAN 2,918,348
CHEN, WANSHI 2,918,359
CHEN, WANSHI 2,918,497
CHEN, XINGCHAO 2,918,488
CHEN, YAN 2,918,190
CHEN, YONG HONG 2,918,902
CHENG, ANDREW A. 2,918,602
CHENG, SYLVIA HOU-YAN 2,918,445
CHERIAN, GEORGE 2,918,817
CHERIAN, PRASEETHA 2,918,332
CHERRY, MARK A. 2,918,473
CHEUNG, ATWOOD 2,918,805
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,918,210
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,918,967
CHEVRON U.S.A. INC. 2,918,344
CHEVRON U.S.A. INC. 2,918,448
CHEVRON U.S.A. INC. 2,918,523
CHEVRON U.S.A. INC. 2,918,575
CHEVRON U.S.A. INC. 2,918,633
CHEVRON U.S.A. INC. 2,918,645
CHHIKARA, BHUPINDER 2,918,381
CHIEN, CHIKANG DAVID 2,919,051
CHIKKA PTE LTD 2,918,252
CHILDREN'S HOSPITAL & RESEARCH CENTER OAKLAND 2,918,547
CHILWEE POWER CO. LTD 2,918,335
CHILWEE POWER CO. LTD 2,918,348
CHIN, PAUL 2,918,747
CHINNIAH, JEYACHANDRABOSE 2,918,355
CHINTADA, JOGESH 2,918,454
CHOI, KWANG-PYO 2,918,611
CHOI, SANG 2,918,466
CHOI, SANG-JIN 2,918,661
CHOI, SUNG-HAK 2,918,249
CHONG, COLIN A. 2,918,255
CHRISTMAS, COY 2,918,687
CHRISTMAS, KEVIN PATRICK 2,918,838
CHUA, PENELOPE R. 2,918,891
CHUN, DEXTER 2,918,091
CHUNG, WOO RAM 2,918,318
CHURCH, GEORGE M. 2,918,540
CICENAS, CHRIS 2,918,382
CID-NUNEZ, JOSE MARIA 2,918,669
CISNEROS FARIAS, ARTURO 2,918,871
CLARAHAN, GREGORY L. 2,918,471
CLARE, BENJAMIN JACOB 2,918,404
CLARE, BENJAMIN JACOB 2,918,405
CLARK, JO-ANN 2,918,818
CLEAN PLANET INC. 2,918,343
CLEARY, PETER 2,918,589
CLINE, JOHN 2,918,607
CNOGA MEDICAL LTD. 2,918,263
COATI, MICHELE 2,918,542
COFIELL, ROXANNE 2,918,959
COLGATE-PALMOLIVE COMPANY 2,918,331
COLLARD, ANDREW CHRISTOPHER 2,919,012
COLLINO, SEBASTIANO 2,907,522
COLLINS, KATHY S. 2,918,210
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,907,827
COMPACT MEMBRANE SYSTEMS, INC. 2,918,287
CONNER, BRIAN JONATHAN 2,918,662
CONOCOPHILLIPS COMPANY 2,918,201
CONVATEC TECHNOLOGIES INC. 2,918,607
CONVATEC TECHNOLOGIES INC. 2,918,740
COPE, FREDERICK 2,918,782
CORMACK, MATTHEW 2,919,022
CORNELISSEN, JOHANNES JACOBUS 2,918,501
CORNING OPTICAL COMMUNICATIONS LLC 2,919,005
COTE, ISABELLE 2,918,291
COTE, PASCAL 2,918,875
COVIDIEN LP 2,918,244
COVIDIEN LP 2,918,484
COVIDIEN LP 2,918,490
COX, ANDREW 2,918,739
COZEAN, COLETTE 2,918,491
COZEAN, JESSE 2,918,491
CRACOWSKI, JEAN-LUC 2,918,357
CRAWFORD, MICHAEL JOHN 2,918,387
CRESWELL, CHRISTOPHER 2,918,798
CRIGLER, BRIAN SCOTT 2,918,747
CRONENBERG, RICHARD 2,918,802
CROSNIER, FRANCOIS-SYLVAIN 2,918,658
CROSSEY, KERRI 2,918,955
CROWN EQUIPMENT CORPORATION 2,918,506
CSASZAR, JULIKA 2,918,398
CUI, DAWEI 2,918,500
CUI, LONGLAN 2,918,672
CUI, WEI 2,918,672
CUMMINGS, DAVID MATHEW 2,918,435
CURBELO, RAUL HUGO 2,918,472
CURLEY, KIERAN 2,918,369
CURTIS, ANDREW 2,918,798
CUTTS, MATTHEW 2,919,022
CYTOMX THERAPEUTICS, INC. 2,918,795
CZERWINSKI, JEROME F., JR. 2,906,405
D'ANGELO, GIOVANNI 2,918,534
D'GAMA, SIOBHAN 2,918,545

DAHANUKAR, VILAS HARESHWAR 2,918,451
DAI, WEIZHEN 2,918,798
DAL, ARNAUD 2,919,086
DALES, NATALIE 2,918,805
DALTON, DANIEL 2,918,748
DAMSTRA, THOM 2,918,885
DAMUDE, HOWARD GLENN 2,918,911
DANA-FARBER CANCER INSTITUTE, INC. 2,918,780
DANA-FARBER CANCER INSTITUTE, INC. 2,918,910
DANELSKI, DARIN 2,918,238
DASCANIO, GUSTAVO A. 2,918,659
DAVIDSON, BEVERLY L. 2,918,902
DAVIDSON, JAMES EDWARD PAUL 2,918,217
DAVIES, NICHOLAS MATTHEW 2,918,545
DAVIES, ROBIN FRY 2,918,747
DAVIS, TIM 2,919,009
DAY, MICHAEL C. 2,918,431
DBAPPAREL OPERATIONS 2,918,690
DBAPPAREL OPERATIONS 2,918,698
DE BEERS UK LTD 2,918,545
DE LA HOZ, ANGEL ANTONIO 2,918,525
DE LA PENA MIRELES, IVAN ALEJANDRO 2,918,871
DE LA RUE INTERNATIONAL LIMITED 2,918,440
DE LA RUE INTERNATIONAL LIMITED 2,918,443
DE LOS RIOS, MIGUEL 2,918,370
DE MATTEIS, MARIA ANTONIETTA 2,918,534
DE NANTEUIL, GUILLAUME 2,918,217
DE OLIVEIRA, MARCIO 2,918,695
DE PRISCO, GIUSEPPE 2,918,323
DECOSTER, RANDY ALAN 2,918,372
DEDIEMAR, RONALD B. 2,918,764
DEGENHARDT, CHARLES RAYMOND 2,918,906
DEHAN, CHRISTOPHE 2,918,927
DEISS, FREDERIQUE 2,918,289
DELANGLE, PASCALE 2,907,827
DEMOTT, JERRY 2,918,272
DEMOTT, JERRY 2,918,650
DEMOTT, JERRY 2,918,651
DEMOTT, JERRY 2,918,652
DEMOTT, JERRY 2,918,656
DENESVRE, CAROLINE 2,918,845
DENTON, MATTHEW CHARLES 2,918,259
DENTSPLY INTERNATIONAL INC. 2,918,767
DEPARTMENT OF VETERANS AFFAIRS 2,918,486
DERDA, RATMIR 2,918,289
DESCHENES, JEAN-DANIEL 2,918,478
DESILVA, ARAVINDA 2,918,644
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,918,568
DEVICOR MEDICAL PRODUCTS, INC. 2,918,704
DEWALD, PAUL 2,918,353
DEWHURST, STEPHEN 2,918,739
DEZER, GIL 2,918,876
DHADDA, JASWINDER SINGH 2,918,819
DHADDA, JASWINDER SINGH 2,918,820
DIANTI MS LIMITED 2,918,447
DICK, SASCHA 2,918,849
DICK, SASCHA 2,918,864
DIDOMIZIO, RICHARD 2,918,337
DIETRICH, ARTHUR JOSEPH 2,918,496
DIFEO, ANALISA 2,918,608
DIGGA AUSTRALIA PTY LTD 2,918,646
DIGNIFY THERAPEUTICS, INC. 2,918,245
DILIP, PRAJAPATI 2,918,528
DILIP, PRAJAPATI 2,918,827
DILL, MATTHEW 2,918,788
DING, WEIJIANG 2,918,484
DINH, JAMES Q. 2,918,490
DISAVINO, VINCENT 2,918,818
DISCH, SASCHA 2,918,524
DISCH, SASCHA 2,918,529
DISCH, SASCHA 2,918,701
DISCH, SASCHA 2,918,807
DISCH, SASCHA 2,918,810
DISCH, SASCHA 2,918,835
DISCH, SASCHA 2,918,869
DISCH, SASCHA 2,919,077
DISCH, SASCHA 2,919,080
DIXON, ALLEN EDWARD 2,918,589
DJABAROV, GUEORGUI 2,918,213
DOBSON, KENNETH S. 2,918,861
DOEHLA, STEFAN 2,910,878
DOGLIONI MAJER, ALDO 2,918,582
DOGLIONI MAJER, ALDO 2,918,771
DOGLIONI MAJER, CARLO 2,918,582
DOGLIONI MAJER, CARLO 2,918,771
DOGLIONI MAJER, LUCA 2,918,582
DOGLIONI MAJER, LUCA 2,918,771
DOHERTY, MARK 2,918,955
DOMES, MATTHIAS 2,918,922
DOMES, MATTHIAS 2,918,923
DOMES, MATTHIAS 2,918,924
DONALD DANFORTH PLANT SCIENCE CENTER 2,918,452
DONALDSON, THOMAS ALAN 2,918,442
DONALDSON, THOMAS ALAN 2,918,590
DONALDSON, THOMAS ALAN 2,918,597
DONG-A ST CO., LTD. 2,918,249
DONOHUE, MICHAEL B. 2,918,200
DONOVAN, MICHAEL 2,918,212
DONOVAN, NATHAN 2,919,049
DONTIGNY, MARTIN 2,918,670
DOUBLER, ROBERT L. 2,918,377
DOUCE, NORMAN 2,918,434
DOW GLOBAL TECHNOLOGIES LLC 2,918,672
DOW GLOBAL TECHNOLOGIES LLC 2,918,949
DOW GLOBAL TECHNOLOGIES LLC 2,918,951
DOW GLOBAL TECHNOLOGIES LLC 2,918,957
DOW, CHRIS 2,918,732
DR. REDDY'S LABORATORIES LIMITED 2,918,451
DREXEL UNIVERSITY 2,918,290
DRFIRST.COM, INC. 2,918,798
DRISKILL, PHILIP A. 2,918,306
DRIVER, MICHAEL 2,918,967
DROUIN, MICHEL 2,918,686
DU, WENBIN 2,918,388
DUBOIS, MARGAUX JUSTINE EMMA 2,918,702
DUCARME, DAVID 2,918,272
DUCARME, DAVID 2,918,650
DUCARME, DAVID 2,918,651
DUCARME, DAVID 2,918,652
DUCARME, DAVID 2,918,656
DUCKWORTH, DAVID 2,918,516
DUDLEY, JAMES H. 2,918,730
DUFFIELD, JOHN PAUL 2,918,769
DUFFIELD, JOHN PAUL 2,918,770
DUGAN, ANDREW 2,918,589
DUIS, JEROEN ANTONIUS MARIA 2,919,002
DULKO, JAMES M. 2,918,265
DUONG, NGHIEP DUY 2,918,841
DURAL, NEZIH 2,918,100
DUREAULT, ALEX 2,918,362
DURY, FRANCOIS 2,918,666
DVORAK, CASEY 2,919,006
E.I. DU PONT DE NEMOURS AND COMPANY 2,918,911
EADS, BRANDON 2,918,381
EADS, BRIAN DONOVAN 2,918,387
EBERT, SOPHIA 2,918,838
ECO SEMICONDUCTORS LIMITED 2,918,848
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 2,918,426
EDLER, BERND 2,918,701
EDLER, BERND 2,918,835
EDMONDSON, BRYCE 2,918,505
EDWARDS, THOMAS RICHARD KERBY 2,918,566
EISENREICH, NORBERT 2,918,416
EKIN, AHMET 2,918,719
EKSTEEN AKEROYD, ZASKIA HILLET 2,918,408
EL MEDIA HOLDINGS USA, LLC 2,918,732
EL-ANSARY, SAMEH 2,918,424
ELECTRATHERM, INC. 2,918,729
ELKINS, ELIZABETH WINTERS 2,918,472
ELLIOTT, MARIA A. 2,918,589
ELOMARI, SALEH ALI 2,918,575
ELOMARI, SALEH ALI 2,918,633
ELOMARI, SALEH ALI 2,918,645
ENDER, KACEE B. 2,918,957
ENDO, YUSUKE 2,918,866
ENERLAB 2000 INC. 2,918,686

ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM 2,918,501
ERNI PRODUCTION GMBH & CO. KG 2,918,422
ERTEL, CHRISTIAN 2,918,166
ERTEL, CHRISTIAN 2,918,641
ERTEL, CHRISTIAN 2,918,804
ERTEL, CHRISTIAN 2,918,860
ES-SAYED, MAZEN 2,918,884
ESEMANN, HAUKE 2,919,071
ESEMANN, HAUKE 2,919,073
ESSELTE IPR AB 2,918,463
ESSELTE IPR AB 2,918,479
ETZKORN, RANDY 2,918,272
ETZKORN, RANDY 2,918,650
ETZKORN, RANDY 2,918,651
ETZKORN, RANDY 2,918,652
ETZKORN, RANDY 2,918,656
EVANS, LISA MARIE 2,918,588
EVEON 2,918,927
EVONIK DEGUSSA GMBH 2,918,638
EVONIK DEGUSSA GMBH 2,918,639
EVONIK DEGUSSA GMBH 2,918,642
EVONIK ROHM GMBH 2,918,797
EWERT, TRAVIS DUANE 2,918,379
EWING, MICHAEL DAVID 2,918,268
EWING, MICHAEL DAVID 2,918,275
EWING, MICHAEL DAVID 2,918,280
EWING, MICHAEL DAVID 2,918,303
EWING, MICHAEL DAVID 2,918,412
EWING, MICHAEL DAVID 2,918,415
EWING, MICHAEL DAVID 2,918,418
EWING, MICHAEL DAVID 2,918,423
EWING, MICHAEL DAVID 2,918,489
EWING, MICHAEL DAVID 2,918,493
EWING, MICHAEL DAVID 2,918,499
EXAQTWORLD 2,918,578
EXNER, RON 2,918,818
EXPWAY 2,918,572
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,918,399
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,918,954
EZZAT, ABDALLA MOUSTAFA 2,918,898
F.HOFFMANN-LA ROCHE AG 2,918,925
FABIO, KARINE 2,918,369
FABRUS, INC. 2,918,370
FACEBOOK, INC. 2,918,213
FACEBOOK, INC. 2,918,274
FACEBOOK, INC. 2,918,297
FACEBOOK, INC. 2,918,358
FACEBOOK, INC. 2,918,428
FACEBOOK, INC. 2,919,061
FADELL, ANTHONY MICHAEL 2,918,680
FAIRBURN MEDICAL PRODUCTS, LLC 2,918,557
FAIRBURN, CHERIE B. 2,918,557
FAIRBURN, JOHN THOMAS 2,918,557
FAIRFIELD INDUSTRIES INCORPORATED 2,918,319
FALLER, CHRISTOPH 2,918,811
FALLER, CHRISTOPH 2,918,843
FALZONE, ANTHONY T. 2,918,459
FAN, ERKANG 2,918,290
FANG, XUELIANG 2,918,320
FARINE, MARIE 2,918,364
FARKAS, DANIEL L. 2,918,383
FARLEY, KARSTEN LEE 2,918,784
FARNSWORTH, PAUL 2,918,589
FASETTO, L.L.C. 2,918,687
FAVIER, ALAIN 2,918,578
FECHNER, JOERG HINRICH 2,919,071
FECHNER, JOERG HINRICH 2,919,073
FEICHTENSCHLAGER, BERNHARD 2,918,234
FEIRING, ANDREW EDWARD 2,918,287
FEITZ, WOUTER F.J. 2,918,408
FENDERSON, THOMAS 2,918,391
FENEUIL, AURELIEN 2,917,115
FERNANDEZ ALVAREZ, LUIS JOAQUIN 2,916,832
FERNANDEZ, ANDRES 2,918,258
FESTA, DANIEL ERIC, SR. 2,918,390
FEUGIER, ALEXANDRE 2,918,548
FIEBIG, KEVIN M. 2,918,704
FIELD, ROB 2,918,674
FIELDING, TIMOTHY SCOTT 2,918,879
FIKE CORPORATION 2,918,649
FINLEY, REBECCA ANN 2,918,905
FINNERTY, CAINE 2,918,353
FISCHER, MICHAEL 2,918,807
FISCHER, MICHAEL 2,918,810
FISHER, STEVE 2,918,879
FISSION 3.0 CORP. 2,918,165
FITTS, STEVEN 2,918,339
FITZWATER, KELLY R. 2,918,510
FLAGEL, LEX EVAN 2,918,387
FLAIG, ROBERT CHARLES 2,918,526
FLAMBEAU, MICHEL 2,917,115
FLOREZ CASTRO, ALBERTO 2,916,832
FLORIS, SANDER JOHANNES 2,919,002
FLOTATS MOLINAS, ANTONIO 2,918,429
FLUID HANDLING LLC 2,918,602
FLUID MANAGEMENT OPERATIONS LLC 2,918,373
FLYNN, JOHN A. 2,918,281
FLYPSI, INC. 2,918,352
FOLEY, PAUL 2,918,949
FONDAZIONE TELETHON 2,918,534
FOO, KHON PU 2,918,437
FORD, MICHAEL 2,919,022
FORWARD PHARMA A/S 2,918,846
FORWARD PHARMA A/S 2,918,852
FOUNDATION FOR NEGLECTED DISEASE RESEARCH 2,918,487
FOUNDATION MEDICINE, INC. 2,918,225
FOUNTAIN, THOMAS C. 2,918,472
FRAGNET-TRAPP, LAETITIA 2,918,845
FRANCINI, GIANLUCA 2,918,947
FRANCIONI, EMANUELE 2,918,895
FRANK, JEFFREY DAVID 2,918,385
FRANKLIN ELECTRIC CO., INC. 2,918,385
FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,416
FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,919,080
FRAUNHOFER-GESELLSCHAFT ZUE FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,166
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,919,077
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUND DER ANGEWANDTEN FORSCHUNG E.V. 2,918,524
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUND DER ANGEWANDTEN FORSCHUNG E.V. 2,918,641
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,910,878
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,256
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,529
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,701
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,703
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,804

FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,807
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,810
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,811
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,835
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,843
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,849
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,851
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,855
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,860
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,864
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,869
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,918,874
FREIER, SUSAN M. 2,918,600
FRICK, CHRISTOPHER D. 2,918,239
FRICK, CHRISTOPHER D. 2,918,400
FRICK, CHRISTOPHER D. 2,918,402
FRICK, CHRISTOPHER D. 2,918,403
FRISBY, RAY 2,918,389
FRISBY, RAY 2,919,009
FRITEL & ASSOCIATES, LLC 2,918,784
FRITEL, RAYMOND 2,918,784
FU, HARRY HONGNING 2,918,910
FU, KIT YU 2,918,340
FU, WING YU 2,918,340
FUCHS, HARALD 2,918,529
FUCHS, HARALD 2,918,703
FUCHS, HARALD 2,918,869
FUCHS, HARALD 2,919,077
FUCHS, HARALD 2,919,080
FUG, SIMONE 2,918,855
FUG, SIMONE 2,918,874
FUHLBRIDGE, THOMAS 2,918,466
FUJII, HAJIME 2,916,972
FUJII, HIROSATO 2,918,330
FUJII, HIROSATO 2,918,336
FUJIOKA, ROBB 2,918,595
FULLAM, SCOTT 2,918,445
FULLAM, SCOTT 2,918,590
FULLAM, SCOTT 2,918,594
FUMA, YOSHIHITO 2,918,294
FURUKAWA, SHINYA 2,918,863
GAAL, PETER 2,918,497
GABLER, ANDREW K. 2,918,605
GADHIYA, BIPIN DHANAJIBHAI 2,918,277
GAIKWAD, RAHUL RAMCHANDRA 2,918,334
GALE, THOMAS K. 2,918,612
GALETZKA, CHRISTIN 2,918,846
GALETZKA, CHRISTIN 2,918,852
GAMAGE, PUBUDU H. 2,918,521
GANE, PATRICK A.C. 2,918,421
GANGOLF, DIMITRI 2,918,666
GAO, FENG 2,918,271
GAO, SHIWEI 2,918,664
GAO, YANG 2,918,345
GARDNER, DOUGLAS J. 2,918,313
GARM, JESPER HASSELBALCH 2,919,083
GARROVILLO, JOSEPH MICHAEL C. 2,918,252
GARTSTEIN, VLADIMIR 2,918,906
GARTSTEIN, VLADIMIR 2,918,907
GATES CORPORATION 2,918,544
GATES CORPORATION 2,918,815
GAVINI, NAVEEN 2,918,459
GE LIGHTING SOLUTIONS, LLC 2,918,355
GE OIL & GAS ESP, INC. 2,918,309
GEBAUER, JURGEN 2,918,554
GEE, DIANE L. 2,918,271
GEIGER, RALF 2,918,701
GEIGER, RALF 2,918,804
GEIGER, RALF 2,918,807
GEIGER, RALF 2,918,810
GEIGER, RALF 2,918,835
GEKO INNOVATIONS LIMITED 2,919,085
GEMMA, ROBERTO 2,916,853
GENERAL ELECTRIC COMPANY 2,918,337
GENESTE, OLIVIER 2,918,217
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,899,790
GERDES, CHRISTOPH 2,918,814
GERLO, SARAH 2,918,518
GETTS, DANIEL R. 2,918,823
GEUTJES, PETRUS JOHANNES 2,918,408
GHAFOORI, ELYAS 2,918,395
GHIDO, FLORIN 2,918,804
GHIDO, FLORIN 2,918,851
GHOSH, DIPANKAR 2,918,260
GI-GASIFICATION INTERNATIONAL (LUXEMBOURG), S.A. 2,918,834
GIANNATEMPO, SIMONE 2,918,209
GIL, ALEKSANDR 2,918,840
GIORDANENGO, PHILIPPE 2,918,469
GLASS, DAVID 2,918,300
GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT 2,918,487
GOBERT-DEVEAUX, VIRGINIE 2,918,469
GODFREY, SIMON PAUL 2,918,631
GOLDBERG, J. GENSON 2,918,479
GOLDBERG, J. GERSON 2,918,463
GOLDENSON, ANDREW W. 2,918,683
GOLDSBERRY, SUSAN 2,918,491
GONG, WEI 2,919,012
GONZALEZ ALEMANY, MIGUEL ANGEL 2,916,832
GONZALEZ FERNANDEZ, ENRIQUE 2,916,832
GONZALEZ PANTIGA, JUAN DOMINGO 2,916,832
GONZALEZ, JUAN M. 2,918,453
GOODWIN, GEORGE B. 2,918,253
GOOGLE INC. 2,918,592
GOOGLE INC. 2,918,662
GOOGLE INC. 2,918,680
GOOGLE INC. 2,918,683
GORMAN, SEAN P. 2,918,477
GORST, OLIVER 2,918,098
GORTZ, ANDREAS 2,918,884
GOTO, OSAMU 2,918,230
GRAF, GESCHE 2,918,419
GRAHEK, ROK 2,918,570
GRAMES, CLAYTON 2,918,505
GRAND, ERIC 2,918,469
GRANT, MARSHALL L. 2,918,369
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,918,510
GREENAN, IAIN M. 2,918,389
GREENAN, IAIN M. 2,919,009
GREENE, ROBIN MATTHEW 2,918,808
GREENFIELD, SUSAN 2,917,389
GREET, CHRISTOPHER 2,918,638
GRELLA, PHILIP 2,918,546
GRELLET, AURELIEN 2,918,548
GRILL, BERNHARD 2,910,878
GRIPPO, RENE 2,918,589
GRISS, RUDOLF 2,918,426

GRMAS, JERNEJ 2,918,570
GROEBKE ZBINDEN, KATRIN 2,918,925
GROOTHUES, HERBERT 2,918,797
GROPPI, LEOPOLDO 2,918,257
GROVER, DAVID 2,918,382
GRUESCHOW, ERIC R. 2,918,954
GU, JAMES J. 2,918,602
GU, SHUO 2,918,340
GU, YABEI 2,918,253
GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD. 2,899,674
GUANGDONG AULDEY ANIMATION & TOY CO., LTD. 2,899,674
GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD. 2,918,488
GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD. 2,899,674
GUARNERI, JOSEPH J. 2,918,369
GUBSER, CHARLES 2,918,300
GUERFI, ABDELBAST 2,918,670
GUERRA, FILIPA 2,918,818
GUILBAUD, PHILIPPE 2,907,827
GUILHABERT-GOYA, MAGALIE 2,918,610
GUILLEMIN, GILLES 2,918,447
GULDSTRAND, TREVOR 2,918,322
GUNDERSEN, ERIC DAVID 2,918,589
GUNTHER, BERNHARD 2,918,419
GUO, GUANGYAN 2,918,679
GUO, LIWEI 2,918,762
GUSMAO DE NORONHA, RITA 2,918,993
GUSTAV, THORNSTEN 2,918,825
GUSTAV, THORSTEN 2,918,821
GUTIERREZ ARZALUZ, MIRELLA 2,918,871
HA, SEUNG-BUM 2,918,249
HAAG, DONALD F. 2,918,546
HABERL, WALTER 2,918,632
HABERMAN, SETH 2,918,314
HADIDA-RUAH, SARA SABINA 2,918,365
HAENDLER, BERNARD 2,918,813
HAGGARD, JEFFREY 2,918,525
HAGOOD, DONALD TERRY 2,918,390
HAIMOVITCH-YOGEV, OREN 2,919,019
HAIMOVITCH-YOGEV, OREN 2,919,021
HALLIBURTON ENERGY SERVICES, INC. 2,918,334
HALLIBURTON ENERGY SERVICES, INC. 2,918,361
HALLIBURTON ENERGY SERVICES, INC. 2,918,509
HALLIBURTON ENERGY SERVICES, INC. 2,918,516
HALLIBURTON ENERGY SERVICES, INC. 2,918,521
HALLIBURTON ENERGY SERVICES, INC. 2,918,628
HALLIBURTON ENERGY SERVICES, INC. 2,918,629
HALLIBURTON ENERGY SERVICES, INC. 2,918,724
HALLIBURTON ENERGY SERVICES, INC. 2,918,730
HALLIBURTON ENERGY SERVICES, INC. 2,918,731
HALLIBURTON ENERGY SERVICES, INC. 2,918,881
HALLIBURTON ENERGY SERVICES, INC. 2,918,890
HALLIBURTON ENERGY SERVICES, INC. 2,918,893
HALLIBURTON ENERGY SERVICES, INC. 2,918,898
HALLIBURTON ENERGY SERVICES, INC. 2,919,018
HALLIBURTON ENERGY SERVICES, INC. 2,919,053
HALLIBURTON ENERGY SERVICES, INC. 2,919,059
HAMANN, INGO 2,918,638
HAMANN, INGO 2,918,639
HAMANN, INGO 2,918,642
HAMBURGER, AGNES EVA 2,918,624
HAMILTON, EMILY 2,918,793
HAMMILL, JOHN E., SR. 2,918,377
HAN, YOUSOO 2,918,313
HANAI, KAZUMA 2,918,670
HANDEL, MIRKO 2,918,554
HANKE, UWE 2,918,826
HANLON, TIMOTHY 2,918,337
HANNUKSELA, MISKA 2,918,961
HANSEN, FINN 2,918,527
HARDEN, DAN 2,918,479
HARDEN, ROSS BRENT 2,918,446
HARDY, W. TYLER 2,918,546
HARING, HELMUT 2,918,797
HARONSKY, ELINA 2,918,707
HARRIS, ADAM 2,918,824
HARRIS, CAROLINE S. 2,918,253
HARRISON, BOYD L. 2,918,735
HARRISON, GREGORY SAUL 2,917,926
HARTING ELECTRIC GMBH & CO. KG 2,917,969
HARTING ELECTRIC GMBH & CO. KG 2,917,975
HARTUNG, INGO 2,918,813
HARVEY, JERRY 2,918,728
HASEGAWA, MIKINOBU 2,918,294
HASLER, JEAN-PHILIPPE 2,918,695
HASSELSCHWERT, DANIEL J. 2,918,630
HASTINGS, CHRISTINA 2,918,909
HATFIELD, TOBIE D. 2,918,839
HATTORI, YASUNORI 2,918,863
HAWRYLUK, MATTHEW J. 2,918,225
HAYES, ANDREW 2,918,681
HAYES, ANDREW 2,918,763
HAYES, ANDREW 2,918,836
HE, TONY 2,919,006
HE, YINAN 2,918,511
HE, YIYONG 2,918,949
HE, YIYONG 2,918,951
HEDIN, KAJ ESTON 2,918,165
HEILMANN, MICHAEL 2,918,765
HEINRICH, ADRIENNE 2,918,719
HEISIG, GERALD 2,918,346
HEISS-CHOUQUET, MARKUS 2,919,071
HEISS-CHOUQUET, MARKUS 2,919,073
HEITMEIER, STEFAN 2,918,814
HELLMUTH, OLIVER 2,918,529
HELLMUTH, OLIVER 2,918,703
HELLMUTH, OLIVER 2,918,869
HELLMUTH, OLIVER 2,919,077
HELLMUTH, OLIVER 2,919,080
HELMRICH, CHRISTIAN 2,918,256
HELMRICH, CHRISTIAN 2,918,701
HELMRICH, CHRISTIAN 2,918,804
HELMRICH, CHRISTIAN 2,918,807
HELMRICH, CHRISTIAN 2,918,810
HELMRICH, CHRISTIAN 2,918,835
HELMRICH, CHRISTIAN 2,918,849
HELMRICH, CHRISTIAN 2,918,864
HEMMINGS, JOHN 2,918,834
HENDERSHOT, JOHN D. 2,918,244
HENLIN, JEAN-MICHEL 2,918,217
HENWOOD, NICHOLAS 2,918,438
HEPATIQ LLC 2,918,260
HERMANGE, FRANCOIS 2,918,636
HERMANN, HEINRICH 2,918,554
HERMANN, THERON 2,919,012
HERRE, JUERGEN 2,919,077
HERRE, JURGEN 2,918,529
HERRE, JURGEN 2,918,811
HERRE, JURGEN 2,918,843
HERRE, JURGEN 2,918,869
HERRE, JURGEN 2,919,080
HERSHKO, YUVAL COREY 2,918,425
HERVE, JEAN-FRANCOIS 2,918,658
HILL, AXEL 2,918,394
HILL, N. ROSS 2,918,523
HILLISCH, ALEXANDER 2,918,814
HILLS INC. 2,918,525
HILPERT, JOHANNES 2,918,256
HILPERT, JOHANNES 2,918,641
HILPERT, JOHANNES 2,918,860
HILPERT, JOHANNES 2,918,864
HILTI AKTIENGESELLSCHAFT 2,918,362
HILTI AKTIENGESELLSCHAFT 2,918,648
HILTI AKTIENGESELLSCHAFT 2,918,899
HILTI AKTIENGESELLSCHAFT 2,918,945
HIMMELSBACH, FRANK 2,918,401
HINRICHS, CHRISTIAN S. 2,918,216
HIRSCH, CHRISTIAN 2,918,964
HIRSCH, CHRISTIAN 2,918,966
HISPANO-SUIZA 2,918,713
HITCHINER, ALAN 2,918,638
HITCHINER, ALAN 2,918,639
HITCHINER, ALAN 2,918,642
HIVE STREAMING AB 2,918,424
HOARD, DAVID 2,918,243
HODOVANCE, DEREK 2,918,589
HOEFS, JOHN CARL 2,918,260

HOFFMANN, PETER 2,918,170
HOFFMANN, PETER 2,918,181
HOGAN, TIM PATRICK 2,918,373
HOGQVIST, MIKAEL 2,918,424
HOLIDAY, CHRISTOPHER J. 2,918,211
HOLMES, BRIAN 2,918,440
HOLMES, BRIAN 2,918,443
HOLMES, CLAYTON 2,918,878
HOLZER, ANDREAS 2,918,641
HOLZER, ANDREAS 2,918,849
HOLZER, ANDREAS 2,918,864
HOMA, PETER 2,918,416
HONDMANN, DIRK 2,918,460
HOPEWELL, WILLIAM 2,918,319
HORTON, KENNETH W. 2,918,244
HOSKER, TORSTEN 2,918,831
HOSTETTER, DANIEL ROBERT 2,918,795
HOU, YIXIN 2,918,798
HOWELL, LARRY 2,918,505
HOYU CO., LTD. 2,918,294
HRAKOVSKY, JULIA 2,918,707
HRUSKA, MARINA 2,918,344
HSU, CHRISTOPHER 2,918,856
HU, CHUNJIANG 2,918,679
HU, QINGYUAN 2,918,099
HUANG, BIN 2,918,488
HUANG, SHOUJIAN 2,918,523
HUANG, XIZHONG 2,918,190
HUANG, XUHUI 2,918,340
HUAWEI TECHNOLOGIES CO., LTD. 2,918,345
HUEGERICH, THOMAS P. 2,918,526
HUI, DANIEL 2,918,213
HULL, JOHN W., JR. 2,918,949
HULSKOTTER, FRANK 2,918,838
HUNG, KWOK WANG 2,918,340
HUNTER, MARK S. 2,899,790
HURLEY, TIMOTHY BRIAN 2,918,805
HUSQVARNA AB 2,918,406
HUSS, JAMES FRANCIS 2,918,480
HUSS, JAMES FRANCIS 2,918,537
HUSS, JAMES FRANCIS 2,918,976
HUSS, JAMES FRANCIS 2,918,999
HUTCHISON, RICHARD MARTIN 2,918,856
HUTTO, MATT 2,918,322
HUYNH, TOAN 2,918,388
HYDE, KRISTIAN 2,918,251
HYDRO-QUEBEC 2,918,670
HYDROGEN ENGINEERING APPLICATION & DEVELOPMENT COMPANY 2,918,343
IAROCCI, NICK 2,918,779
IBENTRUS, INC. 2,918,328
IBOS INNOVATIONS PTY LTD 2,918,867
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,918,608
ICEUTICA INC. 2,918,908
ICHIHASHI, MASAKI 2,916,934
ICU MEDICAL, INC. 2,918,381
IDO, TAKAYOSHI 2,918,989
IGARASHI, SAMMI 2,918,303
IGARASHI, SAMMI 2,918,418
IGARASHI, SAMMI 2,918,423
IGARASHI, SAMMI 2,918,489
IGARASHI, SAMMI 2,918,493
IGARASHI, SAMMI 2,918,499
IGNATCHENKO, SERGEY 2,918,596
IHC HOLLAND IE B.V. 2,918,321
IKARI, MASANORI 2,918,508
IKEGAYA, RYOJI 2,918,520
IKEGAYA, RYOJI 2,918,604
ILIEV, IVAYLO 2,918,160
ILLINOIS TOOL WORKS INC. 2,918,372
ILLINOIS TOOL WORKS INC. 2,918,856
ILLINOIS TOOL WORKS INC. 2,918,861
IM, WEON-BIN 2,918,249
INDERMUHLE, PIERRE 2,918,258
INFANTE MARTINEZ, JOSE RAMIRO 2,918,871
INGA, JUAN R. 2,918,834
INGINE, INC. 2,918,495
INGRAIN, INC. 2,918,323
INGRAM, JOHN A. 2,918,546
INNOVATIVE BIODEFENSE, INC. 2,918,491
INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY) 2,918,681
INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY) 2,918,763
INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY) 2,918,836
INSTITUTE NATIONAL DE LA RECHERCHE AGRONOMIQUE 2,918,845
INTERACTIVE INTELLIGENCE, INC. 2,918,812
IONESCU, IULIU 2,918,627
IP, FANNY CHUI FUN 2,918,340
IP, NANCY YUK YU 2,918,340
IPPOLITO, FABIO 2,918,421
IQBAL, JAVED 2,918,451
IRVING, BRYAN ALLEN 2,918,795
ISAKA, AKIHITO 2,918,862
ISHIHARA, TADAYOSHI 2,918,404
ISHIHARA, TADAYOSHI 2,918,405
ISIS PHARMACEUTICALS, INC. 2,918,600
ISMAGILOV, RUSTEM F. 2,918,388
ITM POWER (RESEARCH) LIMITED 2,918,246
ITM POWER (RESEARCH) LIMITED 2,918,251
ITO, HIROMITSU 2,918,330
ITO, HIROMITSU 2,918,336
ITO, TOMOHIRO 2,916,972
IVANCHYKHIN, DMYTRO 2,918,596
IWATA, SUMIHIRO 2,916,934
JAASKELAINEN, MIKKO 2,918,724
JAEGER, THOMAS ROGER 2,918,861
JAEGGI HYBRIDTECHNOLOGIE AG 2,918,396
JAFRY, SYED MANSOOR 2,919,006
JAGUAN, MAURO 2,918,766
JAIN, DEEPAK 2,918,450
JAIN, DISHA 2,918,957
JAKOVAC, JACK ZELJKO 2,918,867
JAKOVAC, JASON MATTHEW 2,918,867
JANDER, MANUEL 2,910,878
JANSEN, HELMUT 2,918,877
JANSSEN PHARMACEUTICA NV 2,918,669
JEANGUENAT, ANDRE 2,918,832
JENSEN, WES 2,918,589
JEWITT, STEPHEN 2,918,362
JI, HYOUNGJU 2,918,316
JI, LEI 2,918,967
JIN, XIAOMING 2,918,767
JIN, YUN 2,918,607
JOHANSON, DAVID BRYAN 2,918,280
JOHANSON, DAVID BRYAN 2,918,303
JOHANSON, DAVID BRYAN 2,918,415
JOHANSON, DAVID BRYAN 2,918,493
JOHNS MANVILLE 2,918,329
JOHNSEN, KENNETH 2,918,740
JOHNSEN, THOR 2,918,448
JOHNSON, JAMES PHILIP 2,918,365
JOHNSON, MICHAEL DUDLEY 2,918,358
JOHNSSON, KAI PETER 2,918,426
JONES, CRAIG 2,919,085
JONES, JEREMY 2,918,726
JONES, REINALDO 2,918,242
JORDAN, LAWRENCE B. 2,918,765
JOSEF MEISSNER GMBH & CO. KG 2,918,554
JOSHI, RAJAN LAXMAN 2,918,762
JOUNI, ZEINA 2,918,460
JOVANOVIC, RADOSLAV 2,918,591
JUAREZ ORTEGA, PEDRO ARTURO 2,918,309
JUHA, VILKAMO 2,918,874
JUMP, JOSEPH 2,918,685
JX NIPPON OIL & ENERGY CORPORATION 2,918,872
KABAYASHI, YOSUKE 2,916,934
KACHMAR, WAYNE M. 2,918,526
KACZKOWSKI, PETER J. 2,918,281
KADAR-KALLEN, MICHAEL AARON 2,919,003
KAKU, WAKA 2,916,938
KALISCHER, GIDEON 2,918,592
KAMATH, DAS AJEE 2,918,980
KANDAGATLA, BHASKAR 2,918,451
KANG, YANXIANG 2,918,320
KANNAN, ANITHA 2,918,833
KANNAN, GUNASEKARAN 2,918,624
KAPOOR, MAHAK 2,918,387
KAPUR, SHIRIN 2,918,530
KARAMPOUGIOUKIS, WANGELIS 2,918,797
KARCZEWICZ, MARTA 2,918,762
KARYMOV, MIKHAIL 2,918,388
KASEMBELI, MOSES M. 2,918,264

KASMIR, SETON PAUL 2,917,926
KATAYAMA CHEMICAL INC. 2,918,513
KATHOLIEKE UNIVERSITEIT LEUVEN, K.U. LEUVEN R&D 2,918,858
KATO, MOTOICHI 2,918,307
KATO, TOMOYO 2,918,290
KATO, YUZURU 2,918,676
KEDARE, ANAND BHAGWAT 2,918,509
KEENE BUILDING PRODUCTS CO., INC. 2,918,587
KEENE, JAMES A. 2,918,587
KEENE, JAMES R. 2,918,587
KEMIRA OYJ 2,918,391
KENDALL TAYLOR, JAY 2,918,567
KENNEDY, THEODORE D. 2,899,790
KERR, DUANE E. 2,918,484
KF CO., LTD. 2,918,661
KHALAJ, STEVE S. 2,918,461
KHANDELWAL, NISIT 2,918,568
KHOO, WEE KEONG 2,916,763
KIERAT, RADOSLAW 2,918,234
KIERZKOWSKI, KAROLINA ANNA 2,918,747
KIKUCHI, YOSHIAKI 2,918,696
KIKUIRI, KEI 2,918,715
KILGORE, URIAH J. 2,918,210
KILN FLAME SYSTEMS LIMITED 2,918,878
KIM, BAEK 2,918,739
KIM, DAVID K.J. 2,906,405
KIM, HOEON 2,918,328
KIM, JUNGHEE 2,918,495
KIM, MI-YEON 2,918,249
KIM, SOON-HOE 2,918,249
KIM, SUNKYU 2,918,190
KIM, YOUNSUN 2,918,316
KIMURA, SHIGERU 2,918,336
KINAYMAN, AHMET MUHTAR 2,918,507
KIRBY, CLIFFORD 2,918,434
KIRK, CHRISTOPHER J. 2,918,530
KISS, LASZLO ERNO 2,918,993
KITANI, MASASHI 2,918,862
KLAUSNER, SVEN 2,918,922
KLEE, JOACHIM E. 2,918,767
KLEIN, MARCEL 2,918,636
KLONINGER, CHRISTIAN 2,918,362
KNAUF INSULATION 2,918,272
KNAUF INSULATION 2,918,650
KNAUF INSULATION 2,918,651
KNAUF INSULATION 2,918,652
KNAUF INSULATION 2,918,656
KOBEL, PETER 2,918,826
KOCHEVAR, IRENE E. 2,918,539
KOCHHAR, SUNIR 2,918,352
KOHLER, HARTMUT 2,919,065
KOHLER, MORITZ 2,918,406
KOHLER, ROBERT E. 2,918,432
KOLADE, BABAJIDE 2,918,201
KOLTISKO, BERNARD 2,918,767
KOMATSU LTD. 2,893,194
KOMATSU LTD. 2,893,470
KONDO, KEIICHI 2,918,673
KONING, THEODORUS ADRIANUS 2,918,321
KONINKLIJKE PHILIPS N.V. 2,918,719
KORDASIEWICZ, HOLLY 2,918,600
KORTAGERE, SANDHYA 2,918,290
KOUM, JAN 2,918,200
KOVENSKY, JOSE 2,918,469
KRAFT FOODS R&D, INC. 2,918,818
KRAFT FOODS R&D, INC. 2,918,819
KRAFT FOODS R&D, INC. 2,918,820
KRAFT FOODS R&D, INC. 2,918,821
KRAFT FOODS R&D, INC. 2,918,822
KRAFT FOODS R&D, INC. 2,918,824
KRAFT FOODS R&D, INC. 2,918,825
KRAMSKAIA, ALLA 2,918,747
KRAPTCHETOV, DMITRI A. 2,918,239
KRAPTCHETOV, DMITRI A. 2,918,400
KRAPTCHETOV, DMITRI A. 2,918,402
KRAPTCHETOV, DMITRI A. 2,918,403
KRASSINGER, ERIC 2,919,049
KRATSCHMER, MICHAEL 2,918,641
KRATSCHMER, MICHAEL 2,918,811
KRATSCHMER, MICHAEL 2,918,843
KRATSCHMER, MICHAEL 2,918,874
KREBILL, MICHAEL D. 2,918,649
KREEL, NATHANIEL 2,918,685
KRENITSKY, PAUL 2,918,365
KRUMPHOLZ, ERHARD 2,918,964
KRUMPHOLZ, ERHARD 2,918,966
KSHIRSAGAR, MUKESH BHASKAR 2,918,509
KUANG, CHENZHONG 2,918,460
KUCH, FABIAN 2,918,811
KUCH, FABIAN 2,918,843
KUDO, SHOTARO 2,916,972
KUENY, JEAN-LOUIS 2,918,777
KUKREJA, ANJLI 2,918,959
KULLMANN, FLORENTA AURA 2,918,245
KUM, PRASAD 2,918,528
KUM, PRASAD 2,918,827
KUM, PRASAD 2,918,828
KUMAR, SANJIV 2,918,589
KUMARAN, KRISHNAN 2,918,954
KUNDAM, RAVI KIRAN 2,918,334
KUNTZ, ACHIM 2,918,641
KUNTZ, ACHIM 2,918,811
KUNTZ, ACHIM 2,918,843
KUNTZ, ACHIM 2,918,874
KUNZ, PHILLIP J. 2,918,942
KUNZ, PHILLIP J. 2,918,944
KUNZ, PHILLIP J. 2,918,946
KUNZ, PHILLIP J. 2,918,948
KUO, ALFRED 2,918,486
KURAHASHI, KAZUTOSHI 2,918,311
KUREK, KLAUS-PETER 2,919,071
KUTAC, ANDREW 2,919,009
KWAK, YONGJUN 2,918,316
KYB CORPORATION 2,918,866
KYOYU AGRI CO., LTD. 2,918,154
KYOYU AGRI CO., LTD. 2,918,240
KYOYU AGRI CO., LTD. 2,918,515
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,918,485
LA MONTAGNA, RAFFAELE 2,918,534
LA PORTE, SHERRY LYNN 2,918,795
LAARS HEATING SYSTEMS COMPANY 2,918,211
LACAILLE, JEROME HENRI NOEL 2,918,215
LAHORE-CARRATE, ROMAIN 2,918,572
LAINEMA, JANI 2,918,961
LAKE REGION MANUFACTURING, INC. 2,918,220
LALLUKKA, TERO 2,918,186
LAMBERT, DAVID 2,918,572
LAMBERT, PHILIPPE 2,918,478
LAMOR CORPORATION AB 2,918,854
LAMOR CORPORATION AB 2,918,859
LANDMARK GRAPHICS CORPORATION 2,918,268
LANDMARK GRAPHICS CORPORATION 2,918,275
LANDMARK GRAPHICS CORPORATION 2,918,280
LANDMARK GRAPHICS CORPORATION 2,918,303
LANDMARK GRAPHICS CORPORATION 2,918,412
LANDMARK GRAPHICS CORPORATION 2,918,415
LANDMARK GRAPHICS CORPORATION 2,918,418
LANDMARK GRAPHICS CORPORATION 2,918,423
LANDMARK GRAPHICS CORPORATION 2,918,489
LANDMARK GRAPHICS CORPORATION 2,918,493
LANDMARK GRAPHICS CORPORATION 2,918,499
LANDMARK GRAPHICS CORPORATION 2,918,886
LANDMARK GRAPHICS CORPORATION 2,919,051
LANGKOPF, ELKE 2,918,401
LANGLAIS, MICHAEL DEAN 2,918,791
LANGLOIS, ARMAND 2,918,686
LAPPOHN, JURGEN 2,918,422
LARSEN, SCOTT D. 2,918,376
LARSON, THOMAS ROBERT 2,918,971
LAUCK, THOMAS ZACHARY 2,918,445
LAVOIE, SERGE 2,918,291
LAVREYSEN, HILDE 2,918,669
LAXMINARAYANAN, PRASANNA 2,918,788
LAYZELL, P. BRADLEY 2,918,684
LAYZELL, P. BRADLEY 2,918,688
LAZZERI, JONATHAN 2,918,287
LE DIGUARHER, THIERRY 2,918,217
LE FEUVRE, JEAN 2,918,572
LE TIRAN, ARNAUD 2,918,217

LEARJET INC. 2,918,779
LEAVER, TIM 2,918,541
LEE, DONGGEON 2,918,495
LEE, JEFFREY 2,918,680
LEE, JUHO 2,918,316
LEE, PLATO CHUN-CHIH 2,918,496
LEGAULT, JEAN 2,918,291
LEGRAND, DARREN MARK 2,918,284
LEIBOWITZ, HANK 2,918,729
LEIMBACH, JESSICA PYZOHA 2,918,704
LEMAIRE, DAVID 2,907,827
LEMIEUX, RENE M. 2,918,500
LENG, RONALD B. 2,918,951
LENZ, RONALD JOHN, JR. 2,918,633
LENZ, RONALD JOHN, JR. 2,918,645
LEONE-BAY, ANDREA 2,918,369
LEONG, HARRISON 2,918,243
LEORIN, SIMONE 2,918,841
LEPAGE, STEPHANE 2,918,248
LEPSOY, SKJALG 2,918,947
LERNER, ALANA 2,918,530
LES LABORATOIRES SERVIER 2,918,217
LES LABORATOIRES SERVIER 2,918,228
LESTER, JOSEPH CRAIG 2,918,404
LESTER, JOSEPH CRAIG 2,918,405
LESTER, JOSEPH CRAIG 2,918,407
LETELLIER, PHILIPPE 2,918,228
LEVEL 3 COMMUNICATIONS, LLC 2,918,379
LEVEL 3 COMMUNICATIONS, LLC 2,918,589
LEWIS, MARCUS 2,918,561
LEWIS, MARCUS 2,918,581
LEXMARK INTERNATIONAL, INC. 2,918,431
LG FUEL CELL SYSTEMS INC. 2,918,254
LI, JING 2,918,893
LI, JUAN 2,918,672
LI, YANRU 2,918,091
LIANG, YANTAO 2,918,310
LICKLITER, HANS 2,918,255
LIEBALD, RAINER 2,919,071
LIFE SCIENCES RESEARCH PARTNERS VZW 2,918,858
LIFE TECHNOLOGIES CORPORATION 2,918,243
LIM, CHAI KIAT 2,918,447
LIMBACH, KIRK 2,918,239
LIMBACH, KIRK 2,918,400
LIMBACH, KIRK 2,918,402
LIMBACH, KIRK 2,918,403
LIN, AVI 2,918,361
LIN, AVI 2,919,018
LIN, AVI 2,919,059
LIN, YAN 2,918,747
LINCOLN INDUSTRIAL CORPORATION 2,919,049
LINDHOLM, JAN-ERIK 2,918,854
LINGUTLA, SRINATH 2,918,381
LINVATEC CORPORATION 2,918,339
LISTER, ANDREW STUART 2,918,284
LITEZONE TECHNOLOGIES INC. 2,918,471
LITTMANN, FRANCOIS 2,918,958
LIU, CHUN 2,918,957
LIU, GARRY 2,918,481
LIU, MING 2,918,840
LIU, SHUAI 2,918,910
LIU, WEI 2,918,448
LIU, XIAOWEI 2,918,335
LIU, XIAOWEI 2,918,348
LIU-BUJALSKI, LESLEY 2,918,242
LLOYD, ADAM 2,918,818
LM WP PATENT HOLDING A/S 2,919,083
LO, HAW-JING 2,918,091
LODDOCH, ALEXANDER 2,918,448
LOFFLER, GERHARD 2,918,351
LOGINOV, ARTHUR 2,918,389
LOISELEUR, OLIVIER 2,918,832
LOMBARDO, GIUSEPPE 2,918,339
LOS ALAMOS NATIONAL SECURITY, LLC 2,918,286
LOUBSER, ANDRIES GEORGE HENDRICK 2,918,785
LOUGHNANE, BRIAN JOSEPH 2,918,838
LOWE, ERIC 2,918,530
LOWMAN, HENRY BERNARD 2,918,795
LU, HUI 2,918,767
LU, YU 2,919,002
LU, YU 2,919,003
LUCARELLI, MICHAEL A. 2,918,612
LUCAS, ROMAIN 2,918,713
LUCAS, RUSSELL EDWARD 2,918,431
LUDOLPH, BJOERN 2,918,838
LUIS VALERO, MARIA 2,918,256
LUNA, MICHAEL EDWARD SMITH 2,918,442
LUNA, MICHAEL EDWARD SMITH 2,918,586
LUNA, MICHAEL EDWARD SMITH 2,918,590
LUNA, MICHAEL EDWARD SMITH 2,918,594
LUNA, MICHAEL EDWARD SMITH 2,918,597
LUNA, MICHAEL EDWARD SMITH 2,918,609
LUNEBURG, CATALINA MARIA 2,918,275
LUNEBURG, CATALINA MARIA 2,918,303
LUNEBURG, CATALINA MARIA 2,918,412
LUNEBURG, CATALINA MARIA 2,918,415
LUNEBURG, CATALINA MARIA 2,918,423
LUNEBURG, CATALINA MARIA 2,918,493
LUNEBURG, CATALINA MARIA 2,918,499
LUO, TAO 2,918,359
LUO, YING 2,918,228
LUTHRA, AJAY 2,918,456
LUXHAMMAR OY 2,918,186
LV, JINGSHUN 2,918,679
LYNCH, MICHAEL 2,918,228
MA, LIANG 2,918,388
MA, YONGQUAN 2,918,335
MA, YONGQUAN 2,918,348
MAAS, STEFFEN 2,918,838
MACCHIAVELLI S.R.L. 2,918,455
MACCHIAVELLI, DAVIDE 2,918,455
MACFARLANE, ALASTAIR STUART 2,918,785
MACHO, DUSAN 2,918,338
MACKINNON, NICHOLAS 2,918,383
MADASU, SRINATH 2,918,361
MADASU, SRINATH 2,919,059
MADATHIL, SANKARA 2,918,848
MADORE, CARL L. 2,918,839
MAEDA, FUMIHIRO 2,918,882
MAEDA, FUMIHIRO 2,918,985
MAGLEBY, SPENCER 2,918,505
MAGNA INTERNATIONAL INC. 2,918,512
MAGNA INTERNATIONAL INC. 2,918,546
MAGOTTEAUX INTERNATIONAL S.A. 2,918,638
MAHMOUDKHANI, AMIR H. 2,918,391
MAHUSACA SPRL 2,918,666
MAINY, AURELIEN 2,918,791
MAJUMDAR, NIVEDITA SUMI 2,918,243
MAJUMDAR, SUDIPTO 2,918,287
MALACHOSKY, EDWARD 2,918,633
MALACHOSKY, EDWARD 2,918,645
MALKOWSKI, JAROSLAW T. 2,918,244
MALLADI, DURGA 2,918,359
MALPASS, LUKE 2,918,687
MANCI, LEWIS H. 2,918,506
MANENTI, FLAVIO 2,918,458
MANN, WOLFGANG 2,918,921
MANNING, MICHAEL 2,918,711
MANNKIND CORPORATION 2,918,369
MAO, GUANGHUI 2,918,679
MARAUSKA, JULIANE 2,918,648
MARCHAL, FREDERIC ANDRE 2,918,246
MARIDAKIS, MICHAEL 2,906,405
MARIN, MARIA 2,918,674
MARINEAU, JASON J. 2,918,910
MAROLT, BOSTJAN 2,918,272
MAROLT, BOSTJAN 2,918,650
MAROLT, BOSTJAN 2,918,651
MAROLT, BOSTJAN 2,918,652
MAROLT, BOSTJAN 2,918,656
MARS INCORPORATED 2,919,022
MARS, INCORPORATED 2,918,236
MARS, INCORPORATED 2,918,247
MARS, INCORPORATED 2,918,548
MARSCHKE, BRYAN DUSTIN 2,918,861
MARSHALL, JARED 2,918,692
MARTEL-BRISSON, NICOLAS 2,918,478
MARTIN, FRANCOIS-PIERRE 2,907,522
MARTIN, MELANIE K. 2,918,784
MARTINEZ BOTELLA, GABRIEL 2,918,735
MARTINEZ, CARLOS 2,918,466

MARTINEZ, STEPHANE 2,918,723
MASCULL, BRUCE GORDON 2,915,451
MASCULL, ROGER THOMAS 2,915,451
MASON ELECTRIC CO. 2,918,605
MASUYAMA, SATOSHI 2,918,872
MATAS, MICHAEL 2,918,297
MATSUBARA, KEN 2,918,154
MATSUBARA, KEN 2,918,240
MATSUBARA, KEN 2,918,515
MATSUMURA, KENTA 2,918,513
MATSUOKA, YOKY 2,918,680
MATSUOKA, YOKY 2,918,683
MATSUZAKI, YUICHI 2,918,709
MATTA, LISA A. 2,918,765
MATTHEWS RESOURCES, INC. 2,918,238
MATTHEWS, WARWICK R. 2,918,747
MATTISON, RICHARD C. 2,918,432
MAUCEC, MARKO 2,918,886
MAULTSBY, NICHOLAS 2,918,692
MAURY MICROWAVE, INC. 2,918,341
MAURY, MARC A. 2,918,341
MAUVAIS, PATRICK 2,918,485
MAXBIOGAS GMBH 2,918,897
MAXWELL FOREST PTY LTD 2,918,259
MAY, DEWAYNE 2,918,462
MAY, STUART 2,919,022
MAYER, ARNALDO 2,918,295
MAYER, PAUL, III 2,918,332
MAYFAIR VERMOGENSVERWALTUNGS SE 2,918,444
MCCABE, MICHAEL 2,919,053
MCCARTHY, DENNIS P. 2,918,253
MCCARTHY, DERRICK 2,918,823
MCCORMACK, MICHAEL 2,918,539
MCCULLOCH, DAVID W. 2,918,476
MCCULLOUGH, RICKY 2,918,734
MCDANIEL, MAX P. 2,918,210
MCGOWAN, ALBERT JOHN 2,918,692
MCGUIRE, CHAD MICHAEL 2,918,349
MCGUIRE, KENNETH STEPHEN 2,918,404
MCGUIRE, KENNETH STEPHEN 2,918,407
MCHALE, JAMES 2,918,382
MCKENNA, JEFFREY 2,918,284
MCKEOWN, MICHAEL R. 2,918,910
MCKNIGHT, SUSAN FAAS 2,918,959
MCLANAHAN CORPORATION 2,918,764
MEADE, ALEXANDER DOUGLAS 2,918,431
MEADOWS, ADAM 2,918,891
MEDTRONIC MINIMED, INC. 2,918,255
MEGANNON, JOHN FRANCIS 2,918,785
MEHN, PETER DONALD 2,918,372
MEHTA, KRUNAL KANUBHAI 2,918,334
MEIER, HEIKO 2,917,975
MEIER, SVEA 2,917,975
MEISS, JENS 2,919,071
MEISS, JENS 2,919,073
MEJIA, DESIREE 2,917,926
MENDIOLA, DENNIS 2,918,252
MENDIOLAGOITIA JULIANA, JOSE 2,916,832
MENEGATTI, STEFANO 2,918,221
MENON, ELTON LUIS 2,918,218
MENON, ELTON LUIS 2,918,342
MENON, ELTON LUIS 2,918,367
MENON, ELTON LUIS 2,918,371
MENON, ELTON LUIS 2,918,374
MENON, ELTON LUIS 2,918,502
MENON, ELTON LUIS 2,918,504
MERCANDO, PAUL 2,918,957
MERCK PATENT GMBH 2,918,242
MERLIN, SIMONE 2,918,689
MERLIN, SIMONE 2,918,755
MERLIN, SIMONE 2,918,759
MERLIN, SIMONE 2,918,760
MERLIN, SIMONE 2,918,761
MERLIN, SIMONE 2,918,817
MERLIN, SIMONE 2,918,837
MERLIN, SIMONE 2,918,847
MERLIN, SIMONE 2,918,850
MERLIN, SIMONE 2,918,853
MERZ PHARMA GMBH & CO. KGAA 2,918,233
MESCHER, PATRICK A. 2,918,704
MESSER, WILLIAM 2,918,644
METABOLIC SOLUTIONS DEVELOPMENT CO., LLC 2,918,376
METSO MINERALS (SWEDEN) AB 2,918,799
METZ, WENDY 2,918,782
MEYER, KNUT 2,918,911
MICROSOFT TECHNOLOGY LICENSING, LLC 2,918,833
MICROSOFT TECHNOLOGY LICENSING, LLC 2,918,840
MICROSOFT TECHNOLOGY LICENSING, LLC 2,918,841
MICROSOFT TECHNOLOGY LICENSING, LLC 2,919,006
MIDEA GROUP CO., LTD. 2,918,488
MIGAUD, MARIE 2,918,955
MILA, HANNA 2,918,548
MILLER, DEVIN F. 2,918,399
MILLER, PETER 2,918,339
MILLER, STEPHEN D. 2,918,823
MILLER, STEPHEN JOSEPH 2,918,575
MILLER, STEPHEN JOSEPH 2,918,633
MILLER, STEPHEN JOSEPH 2,918,645
MILNER, JOSH 2,918,264
MIN, XIAOSHAN 2,918,624
MINAMIDA, YOSHITAKA 2,918,989
MINAMIURA, KEIICHI 2,918,696
MINE RP HOLDINGS (PTY) LIMITED 2,918,785
MINICH, AJ 2,918,683
MINNETTE, JEFFREY C. 2,918,306
MINOO, KOOHYAR 2,918,456
MITSUBISHI ELECTRIC CORPORATION 2,918,311
MITSUTA, SHINJI 2,893,194
MITSUTA, SHINJI 2,893,470
MIZUNO, TADAHIKO 2,918,343
MIZUSHIMA, HIROSHI 2,918,292
MJN U.S. HOLDINGS LLC 2,918,453
MJN U.S. HOLDINGS LLC 2,918,460
MMV MEDICINES FOR MALARIA VENTURE 2,918,290
MOALEM, YOSI 2,918,699
MOBILITY VIEW INC. 2,918,885
MOCHALKIN, IGOR 2,918,242
MOCHIDA PHARMACEUTICAL CO., LTD. 2,918,330
MOCHIDA PHARMACEUTICAL CO., LTD. 2,918,336
MOCK, MARISSA 2,918,624
MODI, RAJIV INDRAVADAN 2,918,277
MODI, YASH 2,918,683
MOEN, TERJE 2,918,791
MOEN, TERJE 2,918,808
MOGNA, GIOVANNI 2,918,816
MOHLER, CAROL ELAINE 2,918,957
MOLINARI, LUCIO 2,918,458
MOLITOR, STEFAN 2,918,422
MONCH, MONIKA 2,918,899
MONCH, MONIKA 2,918,945
MONDIERE, REGIS JEAN GEORGES 2,918,832
MONEGAN, MICHAEL 2,918,283
MONSANTO TECHNOLOGY LLC 2,918,387
MONTALVO, SUSAN MCCONNELL 2,918,255
MONTOLIU ROURA, IVAN 2,907,522
MOOG CONTROLS LIMITED 2,918,559
MOOG JAPAN LTD. 2,918,230
MOON, CHESTER DARRYL 2,918,322
MORAN GARCIA, EDUARDO 2,916,832
MORI, EMI 2,918,294
MORIMOTO, KIMIKO 2,918,325
MORISSETTE, DANNY 2,918,250
MORITA, KENTAROU 2,918,676
MORRIS, MICHAEL 2,918,319
MORRISON, LYNNE 2,919,022
MORROW, CHARLES 2,918,677
MORROW, TIMOTHY L 2,918,954
MORTON, EDWARD KEITH 2,918,633
MORTON, EDWARD KEITH 2,918,645
MOSS, SIMON BYFORD 2,918,472
MOTAVALLI, MASOUD 2,918,395
MOTOROLA SOLUTIONS, INC. 2,918,338
MOURER, DAVID PAUL 2,918,337
MRA SYSTEMS, INC. 2,918,310
MRA SYSTEMS, INC. 2,918,320
MUELLER, WILLIAM RICHARD 2,918,906
MUHONEN, JUHA 2,918,859
MUKHERJEE, SUMANTA 2,918,747
MULLARKEY, TOBY CHARLES EDWARD 2,918,566
MULLEN, SIOBHAN MARIE 2,918,606
MULLINS, SCOTT 2,918,662
MULTRUS, MARKUS 2,910,878
MUNKO, ANDREAS 2,919,065
MURAHASHI, KAZUKI 2,918,676
MURATA, ATSUSHI 2,918,676

MURRAY, JAMES BROOKE 2,918,217
MURTAZA, ADRIAN 2,918,529
MURTAZA, ADRIAN 2,918,703
MURTAZA, ADRIAN 2,918,869
MURTAZA, ADRIAN 2,919,077
MURTAZA, ADRIAN 2,919,080
MUSLERA FERNANDEZ, IGNACIO 2,916,832
MYATT, GRAHAM JOHN 2,918,829
MYATT, GRAHAM JOHN 2,918,830
MYLES, ROBERT J. 2,918,605
MYRIANT CORPORATION 2,919,012
NADIADI, YUNAS 2,918,589
NAGEL, FREDERIK 2,918,524
NAGEL, FREDERIK 2,918,701
NAGEL, FREDERIK 2,918,807
NAGEL, FREDERIK 2,918,810
NAGEL, FREDERIK 2,918,835
NAGLE, ADVAIT SURESH 2,918,290
NAIK, MARUTI N. 2,918,487
NAIKI, TOSHIHITO 2,918,307
NAKASE, KOICHI 2,916,938
NAKATANI, HAJIME 2,918,311
NARAYANAN, RAMAN 2,918,840
NARRON, PATRICK ALAN 2,918,594
NARVESON, CHRISTOPHER M. 2,918,397
NATIONAL OILWELL VARCO, L.P. 2,918,476
NATIONAL OILWELL VARCO, L.P. 2,918,971
NAVIDEA BIOPHARMACEUTICALS, INC. 2,918,782
NEALE, KEVIN DAVID 2,918,566
NEEDLESMART LTD 2,918,434
NELSON, ANDREW D. 2,918,372
NELSON, ANDREW MICHAEL 2,918,309
NELSON, ARTHUR RUSSELL 2,918,322
NELSON, TIMOTHY 2,918,449
NEMETH, TAMAS 2,918,523
NESTEC S.A. 2,907,522
NEUKAM, CHRISTIAN 2,918,524
NEUKAM, CHRISTIAN 2,918,701
NEUKAM, CHRISTIAN 2,918,807
NEUKAM, CHRISTIAN 2,918,810
NEUKAM, CHRISTIAN 2,918,835
NEUMANN, RUDOLF 2,918,826
NEUMAYER, STEPHAN 2,918,797
NEURO-BIO LTD 2,917,389
NEWPEK S.A. DE C.V. 2,918,871
NGUYEN, NGAN 2,918,242
NICODEMO, JOHN MARK 2,918,747
NIEDERMEIER, ANDREAS 2,918,524
NIEDERMEIER, ANDREAS 2,918,804
NIEDERMEIER, ANDREAS 2,918,851
NIINO, MAKOTO 2,918,154
NIINO, MAKOTO 2,918,240
NIINO, MAKOTO 2,918,515
NIKE INNOVATE C.V. 2,918,839
NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD. 2,918,676
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,918,230
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,918,673
NISHIMURA, SUZUSHI 2,918,872
NISSHIN STEEL CO., LTD. 2,918,863
NIU, YINJIAN 2,918,335
NIU, YINJIAN 2,918,348
NIXON, ANDREW DAVID JOHN 2,918,435
NOCK, ANDREW P. 2,918,704
NOFZINGER, ERIC A. 2,918,317
NOKIA TECHNOLOGIES OY 2,918,961
NORDBERG, JOSHUA 2,918,356
NORENA FRANCO, LUIS 2,918,871
NORRID, WILLIAM MARK 2,918,326
NORTH CAROLINA STATE UNIVERSITY 2,918,221
NORTHWESTERN UNIVERSITY 2,918,823
NOUI-MEHIDI, MOHAMED NABIL 2,918,742
NOUI-MEHIDI, MOHAMED NABIL 2,918,968
NOUWS, SIMON PETRUS ANDREAS BARTHOLOMEUS 2,919,002
NOVALIQ GMBH 2,918,419
NOVARTIS AG 2,918,190
NOVARTIS AG 2,918,284
NOVARTIS AG 2,918,300
NOVARTIS AG 2,918,805
NOVELLO, ANDREA 2,918,209
NOVINDA CORPORATION 2,918,612
NOVOZYMES A/S 2,918,685
NTT DOCOMO, INC. 2,918,715
NUVERA FUEL CELLS, INC. 2,918,235
NUVERA FUEL CELLS, INC. 2,918,315
O'CONNOR, KEVIN 2,918,812
O'KELLY, MATTHEW 2,918,382
O'NEILL, BOBBY 2,918,288
O'SULLIVAN, ANTHONY CORNELIUS 2,918,832
OCULENTIS HOLDING B.V. 2,918,617
OERLIKON SURFACE SOLUTIONS AG, TRUBBACH 2,918,538
OFFERMAN, THOMAS (DECEASED) 2,918,413
OH, HIROSHI 2,918,906
OH, HIROSHI 2,918,907
OHIO STATE INNOVATION FOUNDATION 2,918,782
OHSUGI, SHIGERU 2,893,194
OHSUGI, SHIGERU 2,893,470
OHSUMI, FUJIO 2,918,862
OJEDA ARENAS, JOSE 2,916,832
OKANO, FUMIYOSHI 2,918,989
OLESKE, PETER J. 2,918,327
OLIVER, GEORGE 2,918,332
OLOGN TECHNOLOGIES AG 2,918,596
OMURA, TOMOHIKO 2,918,673
OMYA INTERNATIONAL AG 2,918,421
ONYX THERAPEUTICS, INC. 2,918,530
OOSTERWIJK, EGBERT 2,918,408
OPTYDRO CONCEPT SARL 2,918,777
OPULENT ELECTRONICS INTERNATIONAL PTE LTD 2,918,257
ORLANDINI, LAURA 2,918,844
OROFINO PHARMACEUTICALS GROUP S.R.L. 2,918,657
OROFINO, ERNESTO 2,918,657
ORTH, KELLY MICHAEL 2,918,349
ORTHO-NOVA GMBH FUR ORTHOPADIE-TECHNIK 2,919,041
ORTHOFIX S.R.L. 2,918,542
ORTNER, ANDREAS 2,919,071
ORUGANTI, SRINIVAS 2,918,451
OSORIO, JORGE E. 2,918,726
OTTERMANN, CLEMENS 2,919,071
OTTERMANN, CLEMENS 2,919,073
OTTOBONI, ANDREA 2,918,542
OUTERWALL INC. 2,918,615
OUTOTEC (FINLAND) OY 2,919,065
OUYANG, JING 2,918,780
OVENTROP GMBH & CO. KG 2,918,351
PAGANO, KEVIN 2,918,856
PAGANO, KEVIN 2,918,861
PAIN, BERTRAND 2,918,845
PALFINGER AG 2,918,632
PALTI, YORAM 2,918,464
PAN, JUNQING 2,918,335
PAN, JUNQING 2,918,348
PAN, QICHAO 2,918,388
PANASIEWICZ, JEREMY A. 2,918,546
PANDEY, SONA 2,918,452
PANG, CHAO 2,918,762
PANG, HAWK YIN 2,918,442
PANG, HAWK YIN 2,918,590
PANNUCIO, GREGORY J. 2,918,748
PANTEA, CRISTIAN 2,918,286
PAPANICOLAOU, DIMITRIS 2,918,300
PARDOUX, ROMAIN 2,907,827
PARDRIDGE, WILLIAM M. 2,918,579
PARK, BRIAN V. 2,918,724
PARK, JEONG-HOON 2,918,611
PARK, JUNG-SANG 2,918,249
PARK, SEONG-KYU 2,918,661
PARKER, TIMOTHY 2,918,376
PARKLAND CENTER FOR CLINICAL INNOVATION 2,918,332
PATEL, ASH 2,918,737
PATEL, GORDHANBHAI 2,918,333
PATERSON, PAUL DOUGLAS 2,918,312
PAULUS, JOUNI 2,918,529
PAULUS, JOUNI 2,918,703
PAULUS, JOUNI 2,918,869
PAULUS, JOUNI 2,919,077
PAULUS, JOUNI 2,919,080
PEARCE, DAVID WILLIAM 2,918,284
PECK, BILL JAMES 2,918,258
PEELMAN, FRANK 2,918,363
PEELMAN, FRANK 2,918,518
PEER MOHAMED, SHAHUL HAMEED 2,918,487
PEETERS, THIERRY 2,918,666
PELES, ROBERT JOSEPH 2,918,905
PELLETIER, MICHAEL T. 2,918,898

PELLO GARCIA, ALBERTO 2,916,832
PEMBERTON, GARETH ROSS 2,918,660
PEMBERTON, GARETH ROSS 2,918,663
PEMBERTON, GARETH ROSS 2,918,994
PEMBERTON, GARETH ROSS 2,918,997
PENG, YUCHENG 2,918,313
PERALTA, ADRIANA X. 2,918,490
PEREZ-GARCIA, HERIBERTO 2,918,331
PERFETTI VAN MELLE S.P.A. 2,918,543
PERIGEN, INC. 2,918,793
PERSE, ERWAN PIERRE ANTOINE 2,918,702
PETERNEL, LUKA 2,918,570
PETERS, JOSEPH ANDREW 2,918,453
PETTIGREW, ANTHONY 2,918,419
PETUKHOV, PAVEL 2,918,791
PFEIL, MICHAEL 2,918,233
PFLUGRATH, BRIAN J. 2,918,281
PFLUGRATH, LAUREN S. 2,918,281
PHILIP MORRIS PRODUCTS S.A. 2,918,276
PHILIP MORRIS PRODUCTS S.A. 2,918,364
PHILIPS, LUKE PATRICK 2,918,589
PICHETTE, ANDRE 2,918,291
PIERUCCI, SAURO 2,918,458
PINARD, EMMANUEL 2,918,925
PINCKNEY, BLAKE 2,918,764
PINTEREST, INC. 2,918,459
PINTO, LUIZ FABIO 2,918,799
PIONEER HI-BRED INTERNATIONAL, INC. 2,918,909
PIZZETTI, ALBERTO 2,916,853
PLANT BIOSCIENCE LIMITED 2,918,674
PLAUMAN, MATTHEW R. 2,918,546
PLOGSTIES, JAN 2,918,641
PLOGSTIES, JAN 2,918,855
PNEURON CORP. 2,918,472
POELS, EDUARD K. 2,918,460
POHLMANN, JURGEN 2,918,554
POLITECNICO DI MILANO 2,918,458
POLYRIX INC. 2,918,478
PONS, DAMIEN 2,918,658
POPOVICI-MULLER, JANETA 2,918,500
PORSTNER, THOMAS 2,918,622
POWELL, ANDREW MARTIN 2,918,337
POWELL, GLENN 2,918,788
POWELL, TIMOTHY D. 2,918,726
POYYARA, RAGI LOHIDAKSHAN 2,918,334
PPG INDUSTRIES OHIO, INC. 2,918,253
PRABHAKARAN, KUMARESAN 2,918,437
PRALIBEL NV 2,918,857
PRAVEEN, KHULLAR 2,918,528
PRAVEEN, KHULLAR 2,918,827
PRAVEEN, KHULLAR 2,918,828
PRAXAIR TECHNOLOGY, INC. 2,918,748
PREJER, GUSTAV 2,918,943
PRESCOTT, KEITH L. 2,918,736
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,918,540
PRILUSKY, DIEGO 2,919,019
PRILUSKY, DIEGO 2,919,021
PRINZ, HEINO 2,918,354
PRIONICS AG 2,919,066
PRIOR, SCOTT J. 2,918,244
PROBALCO BVBA 2,918,261
PROBIOTICAL S.P.A. 2,918,816
PROCHASKA, JAN 2,918,877
PRODOSE 2,918,366
PROSSER, ERIC D. 2,918,589
PUCELLA, GIOVANNI 2,918,875
PUHLER, FLORIAN 2,918,813
PULTZ, INGRID SWANSON 2,918,347
PUROHIT, ANKIT 2,918,509
PX3 SPORTS SCIENCE, A TRADE NAME OF P3 ATHLETICS INC. 2,918,684
PX3 SPORTS SCIENCE, A TRADE NAME OF P3 ATHLETICS INC. 2,918,688
PYRON, STEVEN W. 2,918,483
QI, JUN 2,918,910
QIN, JUN 2,918,511
QIU, HUI 2,918,242
QUALCOMM INCORPORATED 2,918,091
QUALCOMM INCORPORATED 2,918,359
QUALCOMM INCORPORATED 2,918,425
QUALCOMM INCORPORATED 2,918,497
QUALCOMM INCORPORATED 2,918,503
QUALCOMM INCORPORATED 2,918,689
QUALCOMM INCORPORATED 2,918,755
QUALCOMM INCORPORATED 2,918,759
QUALCOMM INCORPORATED 2,918,760
QUALCOMM INCORPORATED 2,918,761
QUALCOMM INCORPORATED 2,918,762
QUALCOMM INCORPORATED 2,918,817
QUALCOMM INCORPORATED 2,918,837
QUALCOMM INCORPORATED 2,918,842
QUALCOMM INCORPORATED 2,918,847
QUALCOMM INCORPORATED 2,918,850
QUALCOMM INCORPORATED 2,918,853
QUARRE, STEVEN 2,918,356
QUET, PIERRE-FRANCOIS 2,918,235
QUINN, MICHAEL V. 2,918,802
QUIRION, SEBASTIEN 2,918,478
QUIROGA SANCHEZ, ANA BELEN 2,916,832
RABENORO, TSIRIZO 2,918,215
RADIANCY INC. 2,918,241
RAFAELI, DOLEV 2,918,241
RAINES, DAVID DREW 2,899,790
RAMESH, KUMAR 2,918,528
RAMESH, KUMAR 2,918,827
RAMKUMAR, STEVEN 2,918,459
RAMNATH, KRISHNAN 2,918,833
RAMSEY, EUAN 2,918,541
RAPACH, ANDREW PAUL 2,918,404
RAPACH, ANDREW PAUL 2,918,405
RAPACH, ANDREW PAUL 2,918,407
RARECYTE INC 2,918,356
RASHID, ABDUL 2,918,674
RAVELLI, EMMANUEL 2,910,878
REAM, GREGORY L. 2,918,431
RECKITT BENCKISER (BRANDS) LIMITED 2,918,769
RECKITT BENCKISER (BRANDS) LIMITED 2,918,770
REDCO NV 2,918,282
REDCO NV 2,918,285
REDCO NV 2,918,288
REDEMANN, NORBERT 2,918,401
REDJAL, KARIM 2,918,261
REDMAN, PAUL 2,918,269
REDMOND, ROBERT W. 2,918,539
REDPATH, PHILIP 2,918,955
REED, ERIK JAMES 2,918,200
REES, DARREN 2,918,838
REIDERMAN, ARCADY 2,918,628
REIDERMAN, ARCADY 2,918,629
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK 2,918,622
RENARD, PHILIPPE 2,918,666
RENNIE, CLIFFORD JOHN 2,918,878
RENTSCH, SAMUEL 2,918,421
REPLAY TECHNOLOGIES INC. 2,919,019
REPLAY TECHNOLOGIES INC. 2,919,021
REUTER, HARDY 2,918,170
REUTER, HARDY 2,918,181
REYNOLDS, CRAIG B. 2,918,317
REYNOLDS, ERIC CHARLES 2,918,441
REZJEK, MARTIN 2,918,674
RHAD, EDWARD A. 2,918,704
RHEAVENDORS SERVICES S.P.A. 2,918,582
RHEAVENDORS SERVICES S.P.A. 2,918,771
RICCOMINI, ROBERT A. 2,918,463
RICCOMINI, ROBERT A. 2,918,479
RIDDERBUSCH, FALKO 2,918,529
RIDDERBUSCH, FALKO 2,918,703
RIDDERBUSCH, FALKO 2,918,869
RIDDERBUSCH, FALKO 2,919,077
RIDDERBUSCH, FALKO 2,919,080
RIENDEAU, MARCEL 2,918,964
RIENDEAU, MARCEL 2,918,966
RIISEM, EDVIN EIMSTAD 2,918,791
RIMONI, YORAM 2,918,425
RINFRET, PETER A. 2,918,352
RIPPOLE, DAMIAN F. 2,918,317
RNP INDUSTRIES INC. 2,918,250
RO, SANGMIN 2,918,316
ROBBINS, REBECCA J. 2,918,236
ROBBINS, REBECCA J. 2,918,247
ROBERT BOSCH GESELLSCHAFT FUR MEDIZINISCHE FORSCHUNG MBH 2,918,398
ROBERTO, BRENO POMPEU 2,918,358
ROBICHAUD, ALBERT JEAN 2,918,735
ROBISON, JEREMIAH 2,918,594
ROCK, CHRISTOPH 2,918,632
ROCKLAGE, BERNARD 2,918,821
ROCKLAGE, BERNARD 2,918,825
RODIG, SCOTT J. 2,918,780

ROGER THOMAS MASCULL AND ELIZABETH JOCELYN MASCULL AS TRUSTEES OF THE RT AND EJ MASCULL FAMILY TRUST 2,915,451
ROGERS, MATTHEW LEE 2,918,680
ROHLF, EVAN VINCENT 2,918,293
ROHM AND HAAS COMPANY 2,918,239
ROHM AND HAAS COMPANY 2,918,400
ROHM AND HAAS COMPANY 2,918,402
ROHM AND HAAS COMPANY 2,918,403
ROHM AND HAAS COMPANY 2,918,672
ROHM AND HAAS COMPANY 2,918,957
ROHRIG, SUSANNE 2,918,814
ROLFSSON, JERKER 2,918,799
ROMALIS, MICHAEL, V. 2,918,100
RONDELLI, RAFFAELE 2,918,455
ROSA, CARLA PATRICIA DA COSTA PEREIRA 2,918,993
ROSA, JOSE UBALDINO 2,918,392
ROSAS CAMACHO, ANDRES 2,918,871
ROSE, PETER STANLEY 2,918,545
ROSEMOUNT INC. 2,918,349
ROSEMOUNT INC. 2,918,350
ROSENBERG, STEVEN A. 2,918,216
ROSENSTEIN, DAVID E. 2,918,592
ROSNER, BRIAN 2,918,962
ROSS, JEFFREY S. 2,918,225
ROSSANO, GREGORY 2,918,466
ROSSI, DOMINIQUE 2,918,360
ROTATIONAL TROMPE COMPRESSORS, LLC 2,918,473
ROTOMOTIVE LTD 2,918,438
ROUBENOFF, RONENN 2,918,300
ROUSTIT, MATTHIEU 2,918,357
ROVERSO, ROBERTO 2,918,424
ROWAN, ALAN EDWARD 2,918,408
ROY CHOUDHRY, SWARUP 2,918,452
RT-FILTERTECHNIK GMBH 2,918,393
RUD, JASON HAROLD 2,918,350
RUDOLPH, MORNE 2,918,716
RUNDFELDT, CHRIS 2,918,846
RUNDFELDT, CHRIS 2,918,852
RUPP, ROLAND 2,918,846
RUPP, ROLAND 2,918,852
RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG 2,918,568
RUSSELL, BRYANT 2,918,399
RUSSELL, DAVID 2,918,674
RUTER, ANDREAS 2,917,969
RYAN, SHAWN 2,918,098
RYCKMANS, THOMAS 2,918,925
RYDBERG, NICHOLAS W. 2,918,397
S&P CLEVER REINFORCEMENT COMPANY AG 2,918,395
S.C. JOHNSON & SON, INC. 2,919,014
SAAVEDRA PACHECO, PEDRO 2,918,621
SACHDEV, TEJ 2,918,879
SAENGER, YVONNE 2,918,608
SAGAR, NIRAVKUMAR SURESHBHAI 2,918,277
SAGE THERAPEUTICS, INC. 2,918,735
SAHA, SANKALITA 2,918,594
SAINT-GOBAIN GRASS FRANCE 2,918,636
SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION 2,918,368
SAITO, SHINJI 2,918,670
SAITO, TAKANORI 2,918,989
SAIWAI, YOSHIYUKI 2,918,676
SALAMAT, BIJAN 2,918,605
SALDIVAR GUERRA, ENRIQUE 2,918,871
SALITURO, FRANCESCO GERALD 2,918,735
SAMAROO, MAHENDRA 2,918,519
SAMPATH, HEMANTH 2,918,689
SAMPATH, HEMANTH 2,918,755
SAMPATH, HEMANTH 2,918,759
SAMPATH, HEMANTH 2,918,760
SAMPATH, HEMANTH 2,918,761
SAMPATH, HEMANTH 2,918,837
SAMPATH, HEMANTH 2,918,847
SAMPATH, HEMANTH 2,918,850
SAMPATH, HEMANTH 2,918,853
SAMSUNG ELECTRONICS CO., LTD 2,918,316
SAMSUNG ELECTRONICS CO., LTD. 2,918,318
SAMSUNG ELECTRONICS CO., LTD. 2,918,611
SAMUEL, ROBELLO 2,918,731
SAMUEL, ROBELLO 2,918,881
SANCHEZ SANCHEZ, MARICELA 2,918,871
SANDBERG, MARCEL 2,918,950
SANDEE, ALBERTUS JACOBUS 2,918,454
SANDHAM, DAVID ANDREW 2,918,284
SANDOZ AG 2,918,570
SANGER, MATTHEW S. 2,918,427
SANGUINETTI, JORGE J. 2,918,605
SANKAR, SRIRAM 2,919,061
SANOFI 2,918,528
SANOFI 2,918,827
SANOFI 2,918,828
SANSOM, CHRISTOPHER PHILLIP 2,918,878
SAS GAMES, INC. 2,918,606
SASAKI, TSUYOSHI 2,918,292
SASSO, CLAUDIO 2,918,519
SAUDI ARABIAN OIL COMPANY 2,918,711
SAUDI ARABIAN OIL COMPANY 2,918,742
SAUDI ARABIAN OIL COMPANY 2,918,968
SAUGE-MERLE, SANDRINE 2,907,827
SAUNDERS, JEREMY 2,918,685
SAWAI, TAKEHIKO 2,918,670
SAWICKI, GEORGE 2,918,388
SCALISI, JOSEPH FRANK 2,917,926
SCHAEFFELER, ELKE 2,918,398
SCHAFER, MARTINA 2,918,814
SCHAFFER, ARTHUR A. 2,918,972
SCHAFFHAUSER, HERVE 2,918,925
SCHARMACH, WILLIAM 2,918,748
SCHAUB, TOBIAS 2,918,396
SCHENA, ALBERTO 2,918,426
SCHERER, DIETER 2,918,419
SCHIRM, JEFFREY J. 2,918,317
SCHLEMMER, KARL-HEINZ 2,918,814
SCHLESINGER, LARRY 2,918,782
SCHLUMBERGER CANADA LIMITED 2,918,326
SCHLUMBERGER CANADA LIMITED 2,918,791
SCHLUMBERGER CANADA LIMITED 2,918,808
SCHMEES, NORBERT 2,918,813
SCHMID, HELMUT 2,918,416
SCHMIDT, JANN 2,918,797
SCHMIDT, JOHN PAUL 2,918,909
SCHMIDT, KONSTANTIN 2,918,524
SCHMIDT, KONSTANTIN 2,918,701
SCHMIDT, KONSTANTIN 2,918,807
SCHMIDT, KONSTANTIN 2,918,810
SCHMIDT, KONSTANTIN 2,918,835
SCHMIDT, MARTINA VICTORIA 2,918,814
SCHMIDT, MICHAEL 2,918,765
SCHNAARE, THEODORE HENRY 2,918,349
SCHNEIDER, DEAN 2,918,815
SCHNEIDER, ELLIOTT B. 2,906,405
SCHNEIDER, LOTHAR 2,918,922
SCHNEIDER, LOTHAR 2,918,923
SCHNEIDER, LOTHAR 2,918,924
SCHOENLE, VICTOR L. 2,918,432
SCHONIG, BERTHOLD 2,918,797
SCHOORS, SANDRA 2,918,858
SCHOTT AG 2,919,071
SCHOTT AG 2,919,073
SCHROEDER, ERIC 2,918,444
SCHULZ, MICHAEL 2,918,821
SCHULZ, MICHAEL 2,918,825
SCHULZE, VOLKER 2,918,813
SCHUNK BAHN- UND INDUSTRIETECHNIK GMBH 2,918,922
SCHUNK BAHN- UND INDUSTRIETECHNIK GMBH 2,918,923
SCHUNK BAHN- UND INDUSTRIETECHNIK GMBH 2,918,924
SCHWAB, MATTHIAS 2,918,398
SCHWARZ, GUNTER 2,918,398
SCIALLA, STEFANO 2,918,838
SCIENTIFIC DRILLING INTERNATIONAL, INC. 2,918,346
SCIENZA BIOTECHNOLOGIES 5 B.V. 2,918,706
SCOTT, GRAHAM A. 2,918,602
SCOTT, KEVIN MICHAEL 2,918,856
SCRIFFIGNANO, ANTHONY J. 2,918,747

SCULLY, STEPHEN PATRICK 2,918,606
SEGGIO, FRANK 2,918,382
SEGMAN, YOSEF 2,918,263
SEI CORP. 2,918,670
SELIG SEALING PRODUCTS, INC. 2,918,375
SELLA, JAMES MICHAEL 2,918,379
SELLA, WILLIAM THOMAS 2,918,379
SEMENCES INNOVATION PROTECTION RECHERCHE ET ENVIRONNEMENT 2,918,469
SENGOKU, SHOICHIRO 2,918,503
SERKH, ALEXANDER 2,918,544
SERKH, ALEXANDER 2,918,815
SHAH, ANAND 2,918,332
SHAH, MONAL 2,918,332
SHAH, SAIYAD 2,918,428
SHAHAR, NITZAN 2,918,707
SHAKTI, KUMAR 2,918,528
SHAKTI, KUMAR 2,918,827
SHAN, HANBIN 2,918,228
SHANDIL, RADHA K. 2,918,487
SHANGHAI INSTITUTE OF PHARMACEUTICAL INDUSTRY 2,918,228
SHAPIRA, AVIV 2,919,019
SHAPIRA, AVIV 2,919,021
SHAPIRA, MATTEO 2,919,019
SHAPIRA, MATTEO 2,919,021
SHAW, BON F. 2,918,649
SHAW, STEVEN WEI 2,918,841
SHEA, LONNIE D. 2,918,823
SHEETS, JOHN 2,918,788
SHEN, HARDY S. 2,918,479
SHEN, XIUCHENG 2,918,484
SHEN, YUHUI 2,918,228
SHENG, JACKIE ZEQI 2,918,624
SHETTY, DINESH ANANDA 2,919,018
SHETTY, GAUTAM N. 2,918,482
SHI, GENBAO 2,919,051
SHIBANUMA, TOSHIHIKO 2,918,872
SHILLING, D. HANS 2,918,473
SHIMAMOTO, GRANT 2,918,624
SHIN-ETSU CHEMICAL CO., LTD. 2,918,508
SHINDE, VIKAS NARAYAN 2,918,487
SHINOHARA, YUJI 2,918,520
SHINOHARA, YUJI 2,918,604
SHIPP, MARGARET A. 2,918,780
SHIRUDE, PRAVIN S. 2,918,487
SHOENHAIR, JORDAN DANIEL 2,918,480
SHURTAPE TECHNOLOGIES, LLC 2,918,390
SIEGEL, JUSTIN BLOOMFIELD 2,918,347
SILVESTRINI, PATRICK CHARLES 2,918,364
SINGH, CHANDAN HARDHAN 2,918,277
SINGH, RAJIV KUMAR 2,918,589
SINGH, TAJINDER 2,918,283
SINHA, DIPEN N. 2,918,286
SIRNA, CALOGERO 2,918,209
SIRONI, MARCO 2,918,958
SIVA, VAIDYANATHA 2,918,332
SIVENDRAN, SHANTHI 2,918,608
SJODELL, ANDERS 2,919,067
SKALINSKI, MARK TADEUSZ 2,918,344
SKINPROTECT CORPORATION SDN BHD 2,918,437
SKYBELL TECHNOLOGIES, INC. 2,917,926
SMETS, JOHAN 2,918,844
SMITH, BECCY 2,918,822
SMITH, ERICK 2,918,250
SMITH, GREGORY H. 2,918,397
SMITH, IAN C. 2,918,662
SMITH, ROBERT CHARLES 2,918,385
SMITH, STEVEN DARYL 2,918,906
SNECMA 2,918,215
SNECMA 2,918,702
SOBIECH, MATTHIAS LUKAS 2,918,538
SOLACE, BRYAN KEITH 2,918,480
SOLACE, BRYAN KEITH 2,918,537
SOLACE, BRYAN KEITH 2,918,962
SOLACE, BRYAN KEITH 2,918,976
SOLACE, BRYAN KEITH 2,918,999
SOLE ROJALS, JOEL 2,918,762
SOLOMON, PHILIP 2,918,241
SONAR, SANDIP SATISH 2,918,509
SONG, SHUANG 2,918,335
SONG, SHUANG 2,918,348
SONY CORPORATION 2,918,520
SONY CORPORATION 2,918,604
SOUTHWAY, RUDY 2,918,658
SOUTHWEST JIAOTONG UNIVERSITY 2,918,511
SPECIAL PROJECTS INC. 2,918,165
SPECTRUM BRANDS, INC. 2,906,405
SPEECE, DAVID G., JR. 2,918,672
SPELEERS, POL 2,918,261
SPICER, ALAN 2,918,309
SPINAL LLC 2,918,377
SRIVASTAVA, RAE MOHAN 2,918,886
STAAB, HARALD JOSEF 2,918,466
STAMATOUKOS, GEORGE 2,918,390
STANIC LJUBIN, TIJANA 2,918,570
STANLEY, SCOTT KENDYL 2,918,404
STANLEY, SCOTT KENDYL 2,918,405
STANLEY, SCOTT KENDYL 2,918,407
STARCK, JEROME-BENOIT 2,918,217
STARIC, ROK 2,918,570
STARK, CRISTER 2,918,943
STAS INC. 2,918,875
STASIK, IMANE 2,918,469
STATE GRID CORPORATION OF CHINA 2,918,679
STATE GRID GANSU ELECTRIC POWER CORPORATION 2,918,679
STATE GRID GANSU ELECTRIC POWER RESEARCH INSTITUTE 2,918,679
STAUBACH, TIMO 2,918,922
STAUBACH, TIMO 2,918,923
STAUBACH, TIMO 2,918,924
STEHLE, GERHARD 2,918,393
STEINDL, HANNES 2,918,632
STEINMETZ, BERNHARD 2,918,170
STEINMETZ, BERNHARD 2,918,181
STEMPORA, JEFFREY 2,918,151
STEPANIAN, AVETIS 2,918,605
STEPHANCHICK, ZACHARY 2,918,479
STEPHANCHICK, ZACHARY G. 2,918,463
STEPHENS, PHILIP JAMES 2,918,225
STEWARD, OLIVER ROSS 2,918,284
STEWART, DAVID 2,918,356
STEWART, KRYSTLE 2,918,391
STICHTING KATHOLIEKE UNIVERSITEIT 2,918,408
STINCHCOMB, DAN T. 2,918,726
STOLPMAN, VICTOR 2,918,730
STONA, ANDREA 2,918,257
STOREY, JEFF 2,918,589
STORM, GERRIT 2,918,501
STRAND, SCOTT THOMAS 2,918,510
STRASSBURGER, JULIA 2,918,814
STRAUB, THEODORE E. 2,918,243
STRAUSS, BRIAN M. 2,918,490
STREFFER, FRIEDRICH 2,918,897
STRYDOM, EDMUND JOHAN 2,918,785
STUKALOV, DIMA 2,918,200
SUGIHARA, MOTOHIDE 2,893,194
SUI, PING 2,918,516
SULMON, PAUL 2,918,857
SUMITOMO (SHI) DEMAG PLASTICS MACHINERY GMBH 2,918,826
SUMITOMO BAKELITE CO., LTD. 2,918,882
SUMITOMO BAKELITE CO., LTD. 2,918,985
SUMITOMO CHEMICAL COMPANY, LIMITED 2,918,709
SUN, DAVID D. 2,918,306
SUN, YAMING 2,918,679
SUN, YANZHI 2,918,335
SUN, YANZHI 2,918,348
SUNBHANICH, YIEM 2,918,747
SUNDERMEIER, UWE 2,917,975
SUNG, HYUN-JUNG 2,918,249
SUNG, YONGJUN 2,918,495
SUNNYBROOK RESEARCH INSTITUTE 2,918,481
SURTI, BIRJU A. 2,918,306
SUZUKI, TSUTOMU 2,918,866
SWAILE, DAVID FREDERICK 2,918,218
SWAILE, DAVID FREDERICK 2,918,342
SWAILE, DAVID FREDERICK 2,918,367
SWAILE, DAVID FREDERICK 2,918,371
SWAILE, DAVID FREDERICK 2,918,374
SWAILE, DAVID FREDERICK 2,918,502
SWAILE, DAVID FREDERICK 2,918,504
SWAYZE, ERIC E. 2,918,600
SWIFT, PHILIP W. 2,918,506
SYED, SARFRAZ AHAMED 2,918,484
SYMON, ZVI 2,918,295
SYNGENTA PARTICIPATIONS AG 2,918,832
SYRAL BELGIUM NV 2,917,115
TACHAS, GEORGE 2,918,787

TAHERKHANI, KHAYROLLAH 2,918,704
TAJIK, MAHMOUD REZA 2,919,041
TAKAUCHI, DAISUKE 2,918,311
TAKAZONO TECHNOLOGY INCORPORATED 2,918,862
TAKEDA VACCINES, INC. 2,918,726
TAM INTERNATIONAL, INC. 2,918,389
TAM INTERNATIONAL, INC. 2,919,009
TAMAGGO HOLDING SA 2,918,248
TAMAI, MASAFUMI 2,918,230
TANAKA, KEIICHI 2,918,325
TANDRA, RAHUL 2,918,837
TANDRA, RAHUL 2,918,842
TANG, JIE 2,918,624
TANG, ZILONG 2,918,798
TANIS, STEVEN P. 2,918,376
TANNER, PAUL ROBERT 2,918,905
TARTER, MARK LESLIE 2,918,480
TARTER, MARK LESLIE 2,918,537
TARTER, MARK LESLIE 2,918,976
TARTER, MARK LESLIE 2,918,999
TAVERNIER, JAN 2,918,363
TAVERNIER, JAN 2,918,518
TAYAL, KAMAL 2,918,798
TAYLOR, CHRISTINA MARIE 2,918,387
TAYLOR, JAY KENDALL 2,918,566
TAYLOR, JAY KENDALL 2,918,571
TAYLOR, MATTHEW M. 2,918,463
TAYLOR, MATTHEW M. 2,918,479
TAYLOR, ROBERT JAMES 2,918,541
TE CONNECTIVITY NEDERLAND B.V. 2,919,002
TEBBE, GREGORY F. 2,918,244
TECEDOR, LUIS 2,918,902
TEETS, HAROLD WAYNE 2,918,379
TEGTMEIER-LAST, SANDRA 2,918,523
TEL HASHOMER MEDICAL RESEARCH, INFRASTRUCTURE AND SERVICES LTD. 2,918,295
TELECOM ITALIA S.P.A. 2,918,947
TELETOWER.COM LIMITED 2,918,675
TELLER, HENRIK 2,918,814
TEMPLETON, LYNN 2,919,014
TEN BERGE, DERK 2,918,501
TERENTIV, LEON 2,918,529
TERENTIV, LEON 2,918,703
TERENTIV, LEON 2,918,869
TERENTIV, LEON 2,919,077
TERENTIV, LEON 2,919,080
TERMIN, ANDREAS P. 2,918,365
TERORDE, ROBERT JOHAN ANDREAS MARIA 2,918,454
TERRY, SCOTT 2,919,057
TERSTEEGEN, ADRIAN 2,918,814
TETZLAFF, STEVEN K. 2,918,462
TEVA PHARMACEUTICALS INDUSTRIES LTD. 2,918,707
THALES 2,919,086
THE DUN & BRADSTREET CORPORATION 2,918,747
THE EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), REPRESENTED BY THE EUROPEAN COMMISSION 2,918,958
THE GENERAL HOSPITAL CORPORATION 2,918,539
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 2,918,289
THE HILLMAN GROUP INC. 2,918,976
THE HILLMAN GROUP, INC. 2,918,480
THE HILLMAN GROUP, INC. 2,918,537
THE HILLMAN GROUP, INC. 2,918,962
THE HILLMAN GROUP, INC. 2,918,999
THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY 2,918,340
THE LEGACY CHIP CORPORATION 2,918,446
THE PROCTER & GAMBLE COMPANY 2,918,218
THE PROCTER & GAMBLE COMPANY 2,918,342
THE PROCTER & GAMBLE COMPANY 2,918,367
THE PROCTER & GAMBLE COMPANY 2,918,371
THE PROCTER & GAMBLE COMPANY 2,918,374
THE PROCTER & GAMBLE COMPANY 2,918,404
THE PROCTER & GAMBLE COMPANY 2,918,405
THE PROCTER & GAMBLE COMPANY 2,918,407
THE PROCTER & GAMBLE COMPANY 2,918,502
THE PROCTER & GAMBLE COMPANY 2,918,631
THE PROCTER & GAMBLE COMPANY 2,918,829
THE PROCTER & GAMBLE COMPANY 2,918,830
THE PROCTER & GAMBLE COMPANY 2,918,838
THE PROCTER & GAMBLE COMPANY 2,918,844
THE PROCTER & GAMBLE COMPANY 2,918,905
THE PROCTER & GAMBLE COMPANY 2,918,906
THE PROCTER & GAMBLE COMPANY 2,918,907
THE PROCTOR & GAMBLE COMPANY 2,918,504
THE QUEEN'S UNIVERSITY OF BELFAST 2,918,955
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,918,486
THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI CENTER) 2,918,972
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,918,264
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,918,216
THE UNIVERSITY OF BRITISH COLUMBIA 2,918,541
THE UNIVERSITY OF MELBOURNE 2,918,441
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 2,918,644
THIELMANN, VIKTOR 2,918,922
THIELMANN, VIKTOR 2,918,923
THIELMANN, VIKTOR 2,918,924
THIENOT, CEDRIC 2,918,572
THOMAS, ANDREW PAUL 2,917,926
THOMPSON, JAMES N. 2,918,319
THOMSON, CHRISTOPHER 2,918,284
THOR, KARL B. 2,918,245
THORNING, CASPER 2,918,329
THOSHKAHNA, BALAJI NAGENDRAN 2,918,524
THOSHKAHNA, BALAJI NAGENDRAN 2,918,701
THOSHKAHNA, BALAJI NAGENDRAN 2,918,835
THULE SWEDEN AB 2,918,736
THULE SWEDEN AB 2,918,737
THULE SWEDEN AB 2,919,067
THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A. 2,916,832
TIAN, BIN 2,918,837
TIAN, BIN 2,918,842
TIDAL HARNESS LIMITED 2,916,763
TIMKEN, HYE-KYUNG 2,918,967
TIVARI, SUNILKUMAR RAMSURATBHAI 2,918,277
TOELKE, JONAS 2,918,323
TOKARZ, CHRISTOPHER ANDREW 2,918,244
TOLMAN, RANDY C. 2,918,954
TONANI, ALBERTO 2,918,209
TORAY FLUOROFIBERS (AMERICA), INC. 2,918,322
TORAY INDUSTRIES, INC. 2,918,989
TORCITURA PADANA S.P.A. 2,918,209

TORIYAMA, SHIGETAKA 2,918,872
TORRISI, SALVATORE MARIA VITTORIO 2,918,991
TOTAL MARKETING SERVICES 2,918,891
TOYAMA CHEMICAL CO., LTD. 2,918,325
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,918,696
TOZER, MATHIEU BENJAMIN 2,918,358
TRABANCO-SUAREZ, ANDRES AVELINO 2,918,669
TRAN, HIEU VINH 2,919,005
TRAN, PASCALINE 2,918,099
TRAVINS, JEREMY M. 2,918,500
TREANOR, JOHN 2,918,739
TRUSTEES OF PRINCETON UNIVERSITY 2,918,100
TRZEBSKI, JEAN-PIERRE 2,918,702
TSAI, MINGLIANG LAWRENCE 2,918,607
TSENG, BRIAN 2,918,300
TSENG, ERICK 2,918,274
TSUTSUMI, KIMITAKA 2,918,715
TU, ALEX 2,918,091
TUCKER, ROBERT E. 2,918,317
TUNKIEL, ANDRZEJ TADEUSZ 2,918,791
TURGEL, ARIEL D. 2,918,463
TURGEL, ARIEL D. 2,918,479
TURLAN-VAN DER HOEVEN, MANON 2,918,690
TURLAN-VAN DER HOEVEN, MANON 2,918,698
TURNER, ALAN RAYMOND 2,918,435
TURNER, ANDREW P. 2,918,879
TUYSUZ, NESRIN 2,918,501
TWEARDY, DAVID J. 2,918,264
TWIST BIOSCIENCE CORPORATION 2,918,258
TYCO ELECTRONICS CORPORATION 2,918,526
TYCO ELECTRONICS CORPORATION 2,919,003
TYSAK, THEODORE 2,918,957
UECKER, JAMES LEE 2,918,856
UESAWA, YOSHIYUKI 2,918,294
UGUR, KEMAL 2,918,961
UHLENBERG, THOMAS 2,918,697
UHLENBERG, THOMAS 2,918,700
UNICHARM CORPORATION 2,916,934
UNICHARM CORPORATION 2,916,938
UNITED STATES GYPSUM COMPANY 2,918,293
UNITRACT SYRINGE PTY LTD 2,918,482
UNIVERSITAT ZU KOLN 2,918,398
UNIVERSITE DE PICARDIE JULES VERNE 2,918,469
UNIVERSITE DU QUEBEC A CHICOUTIMI 2,918,291
UNIVERSITE JOSEPH FOURIER - GRENOBLE 1 2,918,357
UNIVERSITE MONTPELLIER 2 2,918,363
UNIVERSITE MONTPELLIER 2 2,918,518
UNIVERSITEIT GENT 2,918,363
UNIVERSITEIT GENT 2,918,518
UNIVERSITY OF CHICAGO 2,918,388
UNIVERSITY OF EAST ANGLIA 2,918,674
UNIVERSITY OF IOWA RESEARCH FOUNDATION 2,918,902
UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES 2,918,313
UNIVERSITY OF MASSACHUSETTS 2,918,910
UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 2,918,317
UNIVERSITY OF ROCHESTER 2,918,739
UNIVERSITY OF WASHINGTON 2,918,290
UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION 2,918,347
URAO, KAZUNORI 2,918,670
USALCO, LLC 2,918,265
UYEDA, ALAN 2,906,405
UZE, GILLES 2,918,363
UZE, GILLES 2,918,518
V-GRID ENERGY SYSTEMS 2,918,694
VADERSTAD-VERKEN AB 2,918,943
VAFA, SHERMINEH 2,918,779
VAIDYA, AKHIL 2,918,290
VALBERG, STEFAN 2,918,943
VALKO, JEFFREY J. 2,918,490
VAN DEN BERGH, FRANK 2,918,285
VAN OPSTAL, TIMOTHY ALEXANDER 2,918,321
VAN SCHIE, CHRISTIANUS CORNELIS NICOLAAS 2,918,706
VAN WERT, JAMES R. 2,918,214
VAN ZELST, ALBERT 2,918,842
VASEFI, FARTASH 2,918,383
VAUTHEROT, JEAN-FRANCOIS 2,918,845
VBI MINIBUS & COMPONENTS APS 2,918,527
VELAZQUEZ, JAVIER 2,918,332
VELDHUIZEN, DAVID S. 2,899,790
VENIANT-ELLISON, MURIELLE 2,918,624
VENTURELLI, FULVIO 2,918,895
VENTURINI, DANIELE 2,918,542
VERASONICS, INC. 2,918,281
VERMANI, SAMEER 2,918,755
VERMANI, SAMEER 2,918,759
VERMANI, SAMEER 2,918,760
VERMANI, SAMEER 2,918,761
VERMANI, SAMEER 2,918,837
VERMANI, SAMEER 2,918,842
VERMANI, SAMEER 2,918,847
VERMANI, SAMEER 2,918,850
VERMANI, SAMEER 2,918,853
VERMEREN, FRANS 2,918,282
VERNALIS (R&D) LIMITED 2,918,217
VERTEX PHARMACEUTICALS INCORPORATED 2,918,365
VERTHEIN, WILLIAM GEORGE 2,918,841
VETTER, NICHOLAS DAVID 2,918,906
VIB VZM 2,918,518
VIB VZW 2,918,363
VIB VZW 2,918,858
VICTAULIC COMPANY 2,918,214
VICTREX MANUFACTURING LIMITED 2,918,768
VIERING, ANKE 2,918,413
VILLAREAL CARDENAS, LUIS ALBERTO 2,918,871
VILLELLA, BRUCE R. 2,918,599
VISA INTERNATIONAL SERVICE ASSOCIATION 2,918,788
VISIBLE WORLD, INC. 2,918,314
VLADIMIROV, SERGEY IGOREVICH 2,918,895
VOGEL, FABRICE 2,917,115
WACHHOLZ, KATHLEEN 2,918,747
WACKER CHEMIE AG 2,918,877
WAGNER, HOLGER 2,918,401
WAIN, HANS 2,918,729
WALKER, ELLIOTT 2,918,592
WALKER, JOE 2,918,649
WALKER, KENNETH WILLIAM 2,918,624
WALSH, COLIN 2,918,541
WALTZ, LUCAS B. 2,918,506
WAN, PING 2,918,492
WANDERS, BERNARDUS FRANCISCUS MARIA 2,918,617
WANDSCHNEIDER, GUIDO 2,917,648
WANDSCHNEIDER, GUIDO 2,917,652
WANG, JIANGLIN 2,918,348
WANG, NAN 2,918,631
WANG, NAN 2,918,829
WANG, NAN 2,918,830
WANG, NENG 2,918,497
WANG, TAO 2,918,672
WANG, WEIZHOU 2,918,679
WANG, XIAOFEI 2,918,679
WANG, YUE 2,918,523
WANG, ZHAOQIANG 2,918,921
WANG, ZHULUN 2,918,624
WARDLE, DAVID 2,918,251
WARREN, DANIEL ADAM 2,918,662
WARRICK, PHILIP A. 2,918,793
WATER, JOHN F., JR. 2,918,589
WATKINS, CLARE LOUISE 2,918,824
WATSON, PHILLIP 2,918,391
WATT FUEL CELL CORP. 2,918,353
WATTELLIER, ARNAUD 2,918,927
WAUN, AMY EICHSTADT 2,918,838
WEAVER, JIM 2,919,053
WEBB, NIGEL 2,918,212
WECKX, PATRICK 2,918,625
WEE, KAI FOOK FRANCIS 2,918,257
WEI, CHAO 2,918,497
WEI, DANIEL YEUCHING 2,918,337

WEI, YONGBIN 2,918,359
WEICH, THOMAS 2,918,592
WEIG, BRET ALEXANDER 2,918,607
WEIGEL, WILFRIED 2,918,922
WEIGEL, WILFRIED 2,918,923
WEIGEL, WILFRIED 2,918,924
WEINTRAUB, GARY D. 2,919,014
WEN, DINGJUN 2,918,679
WERTH, ALBERT A. 2,918,368
WESEMEIER, CHRISTOPH 2,918,697
WESEMEIER, CHRISTOPH 2,918,700
WESSMAN, ANDREW EZEKIEL 2,918,337
WEST, JAMES WILLIAM 2,918,795
WEST, MICHAEL A. 2,918,512
WESTON, RICHARD 2,918,675
WETZEL, LANCE W. 2,918,482
WEYERHAEUSER NR COMPANY 2,918,409
WHATSAPP INC. 2,918,200
WHIRLPOOL CORPORATION 2,918,599
WHITE, BRADLEY 2,918,747
WHITE, DAVID 2,918,825
WHITEHURST, BROOKS MORRIS 2,918,409
WHITEHURST, GARNETT BROOKS 2,918,409
WHITTALL, CHRIS 2,918,463
WHITTALL, CHRIS 2,918,479
WI-TRONIX, LLC 2,918,765
WIENING, HEINZ H. 2,918,375
WIESENBURG, ANDREAS 2,918,233
WIETFELDT, RICHARD DOMINIC 2,918,503
WIGBERS, CHRISTOF 2,918,838
WILCO AG 2,918,354
WILCOX, KEVIN JOHN 2,918,098
WILD, ANDRE 2,918,541
WILEY, GEORGE ALAN 2,918,503
WILKIE, ARNOLD 2,918,525
WILL, GARY EDWARD 2,918,480
WILL, GARY EDWARD 2,918,537
WILL, GARY EDWARD 2,918,962
WILL, GARY EDWARD 2,918,976
WILL, GARY EDWARD 2,918,999
WILLIAMS, DAVID 2,918,729
WILLIAMS, JONATHAN K. 2,918,306
WILLIAMS, JOSHUA 2,918,213
WILLIAMS, MARK SHERMAN 2,918,994
WILLIAMS, MARK SHERMAN 2,918,997
WILLIAMS, MURRAY 2,918,654
WILLIAMS, PERCIVAL F. 2,918,890
WILLIAMS, STANLEY 2,918,390
WILLIS, MAXWELL 2,918,545
WILSON, CHRISTOPHER 2,918,408
WILSON, JASON LUKE 2,918,459
WIMMER, ECKHARD 2,918,632
WINCHIP, LOU 2,918,764
WINKLER, JURGEN 2,918,632
WIRELESS EXTENDERS, INC. 2,919,057
WONG, CHIHUNT 2,918,795
WOOD, ALAN 2,918,768
WOODHALL, MICHAEL 2,918,785
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